

Fig. 1

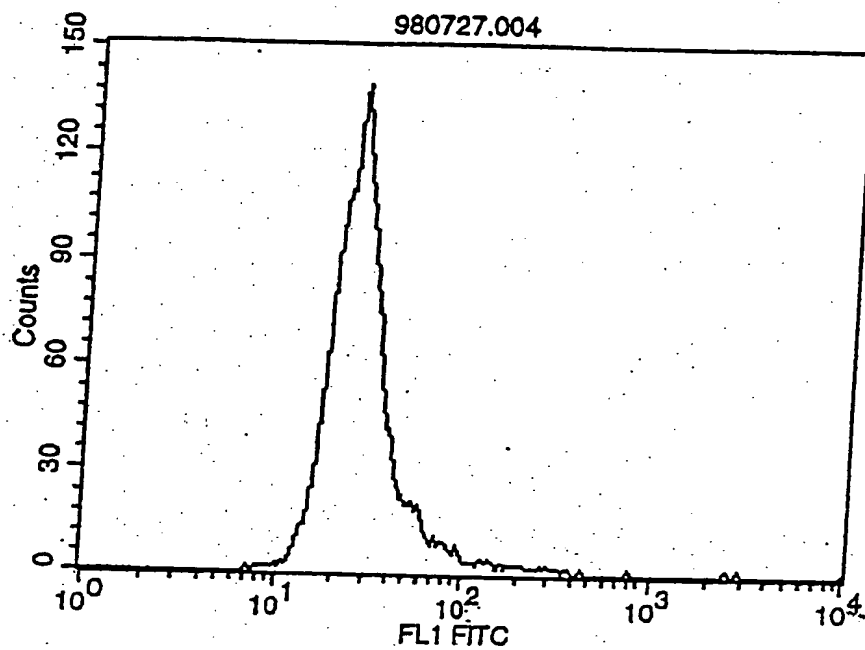


Fig. 2

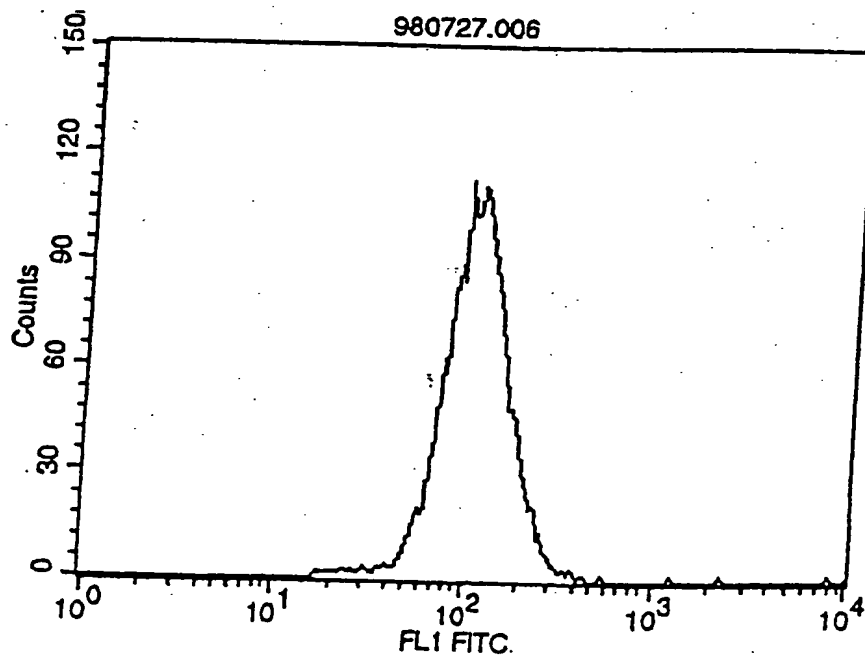


Fig. 3

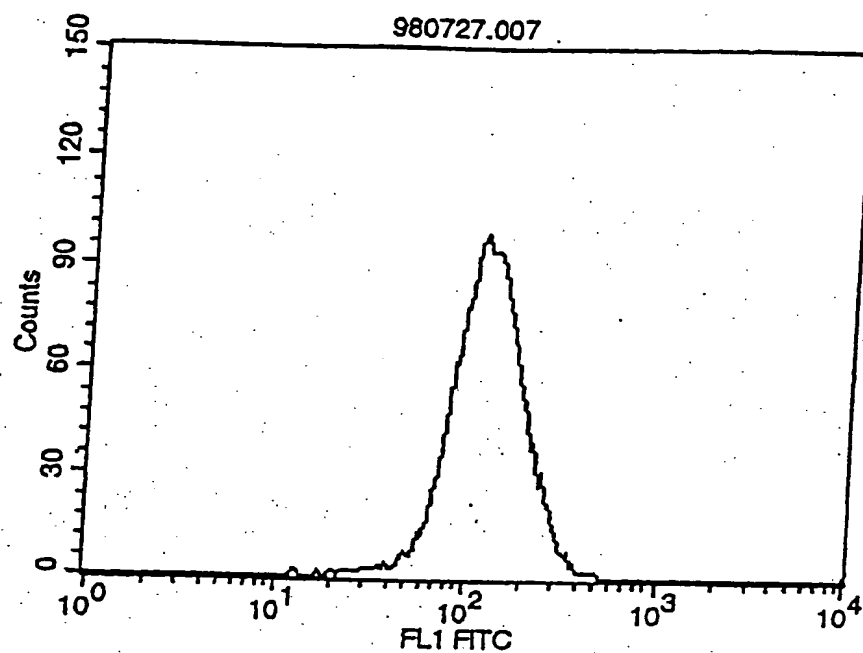


Fig. 4

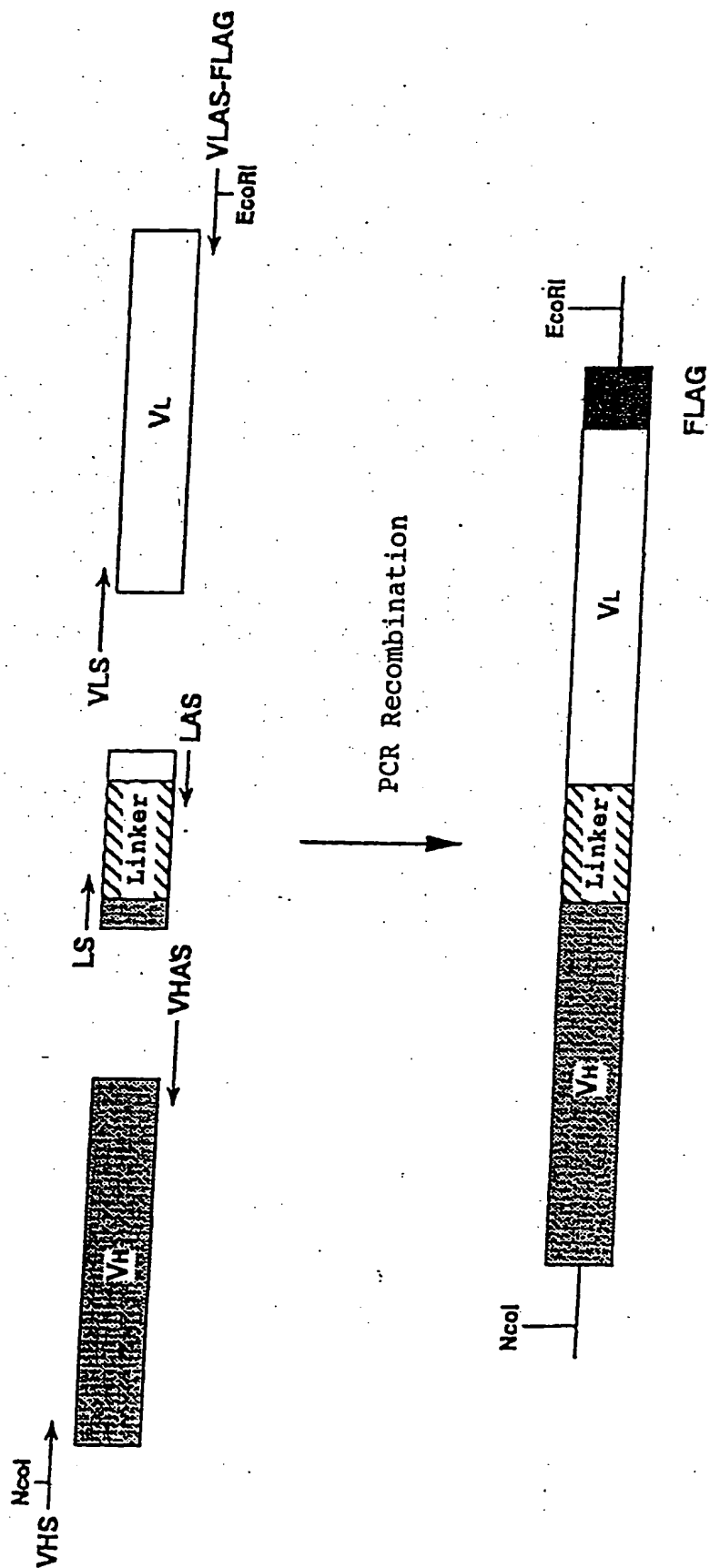


Fig. 5

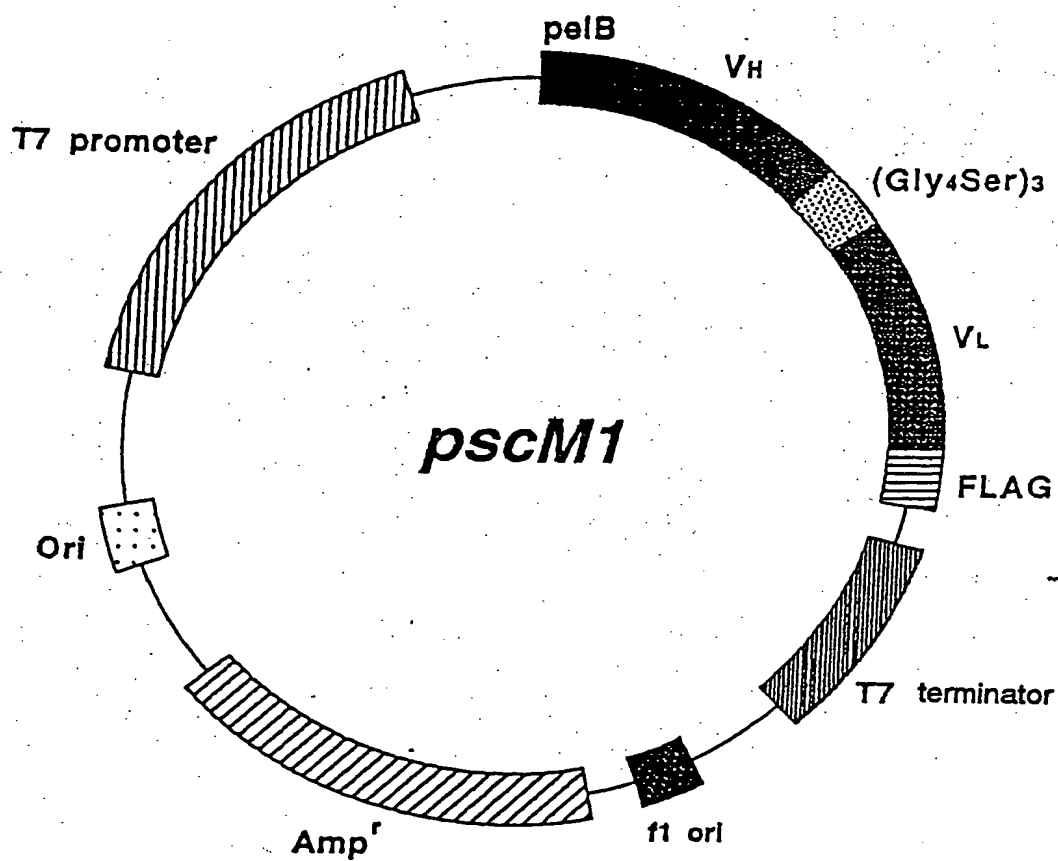


Fig. 6

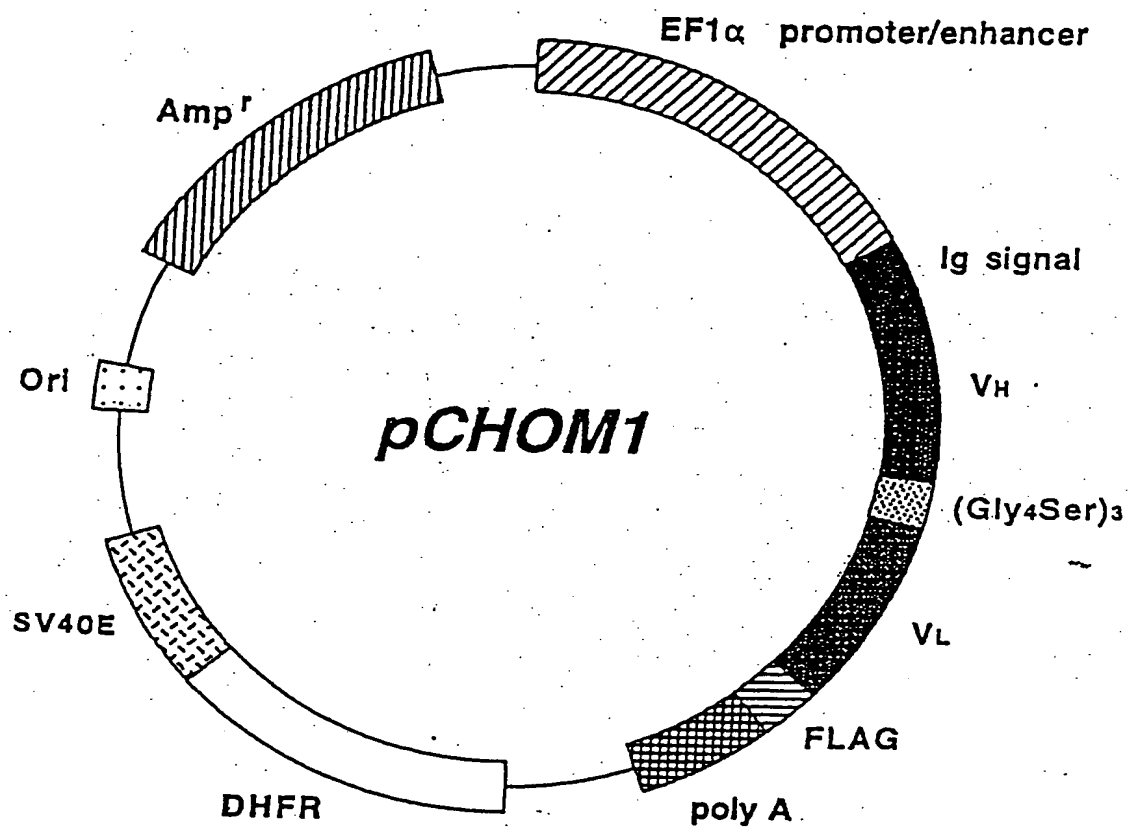


Fig. 7

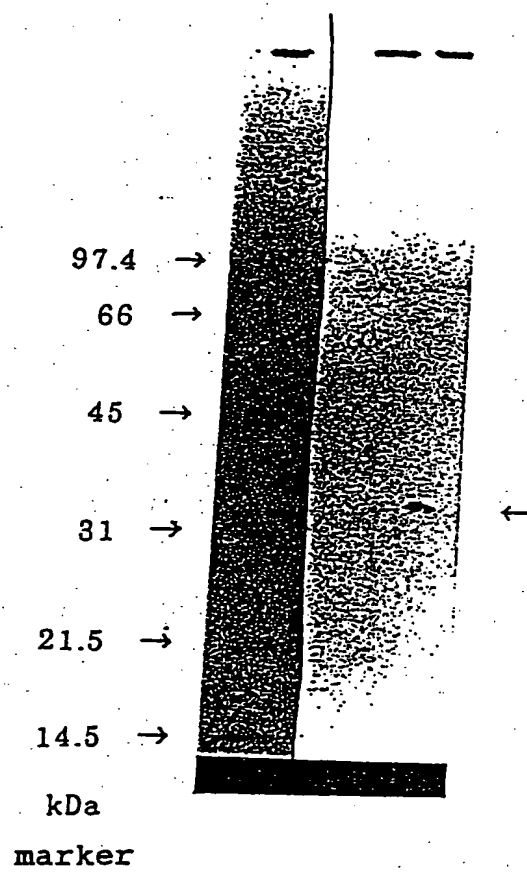


Fig. 8

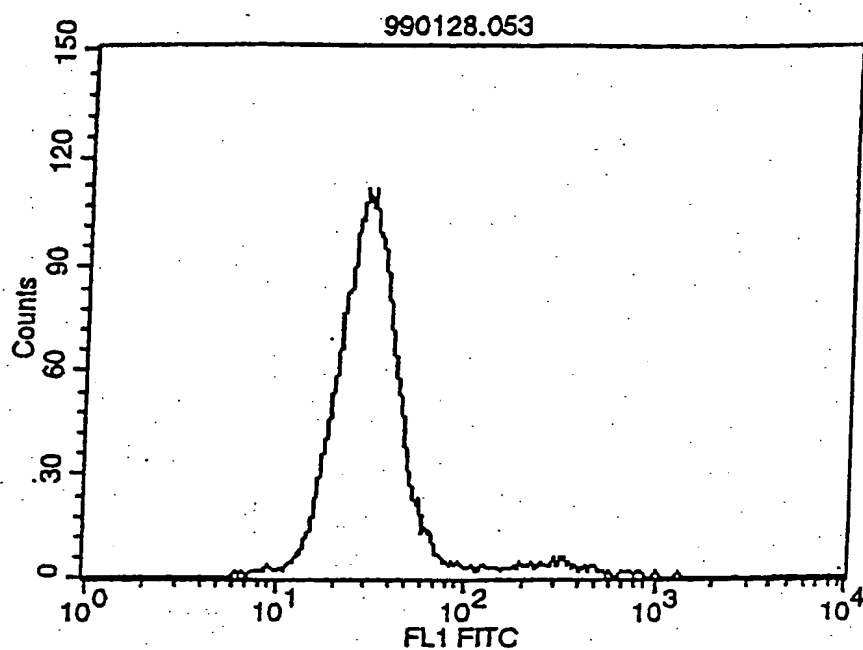
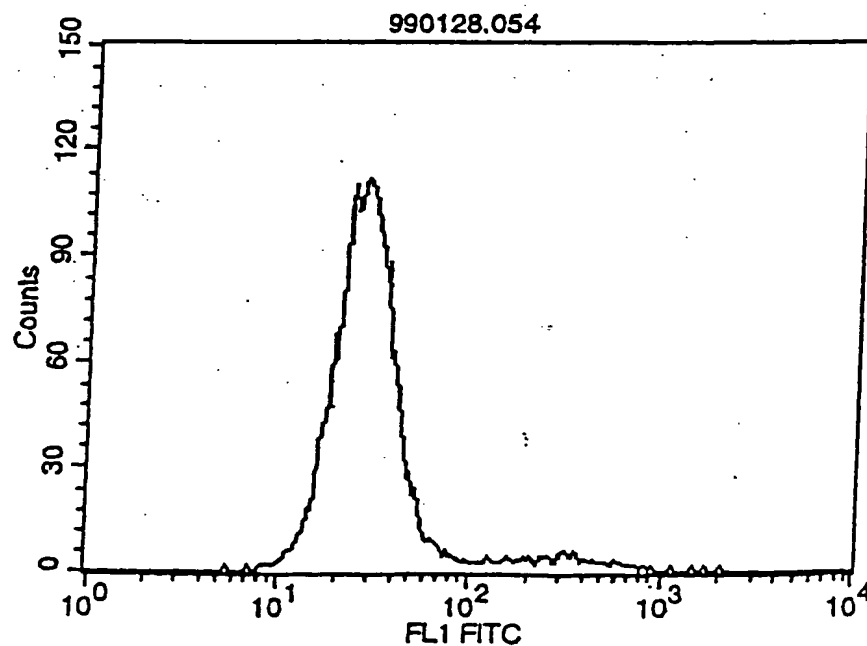


Fig. 9



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Fig. 10

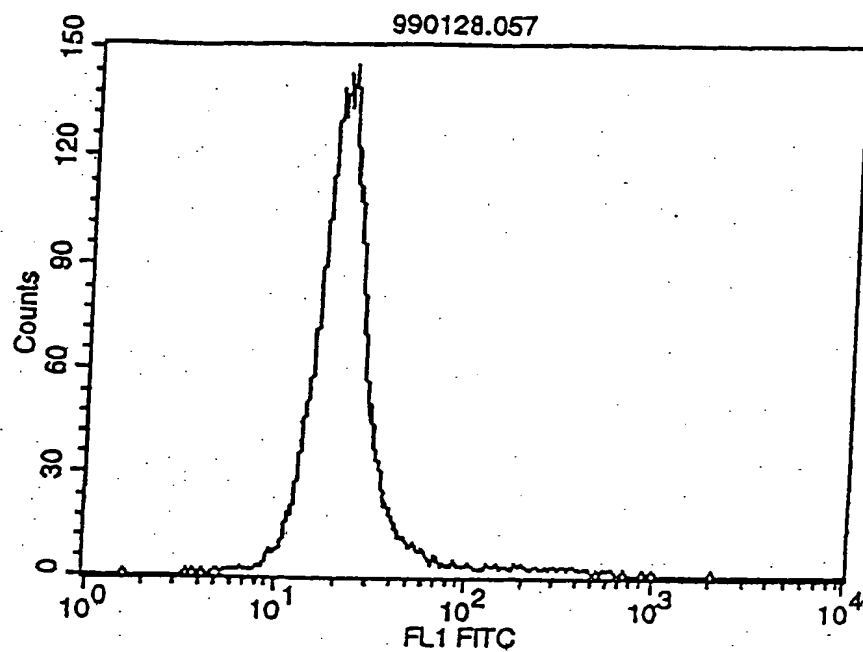
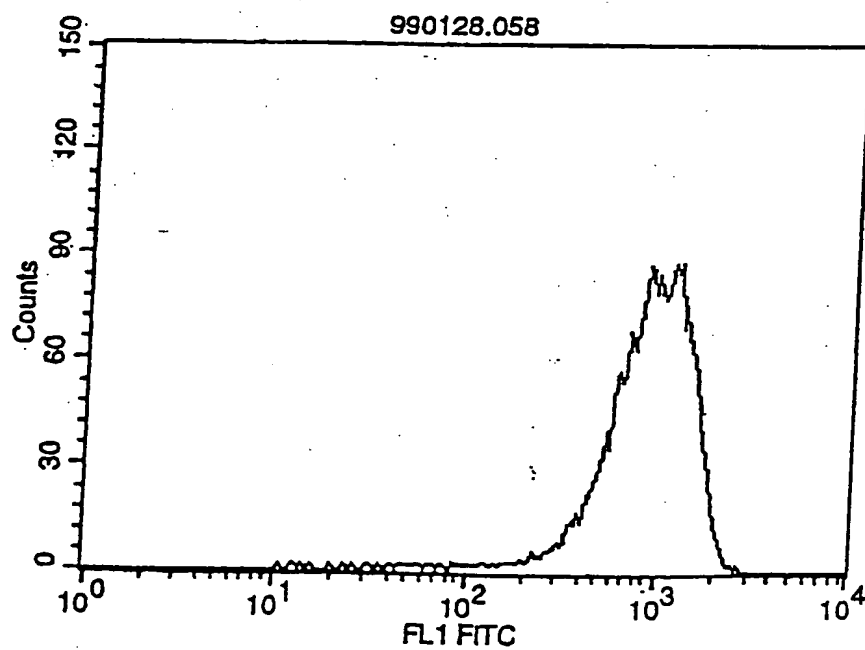


Fig. 11





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Fig. 12

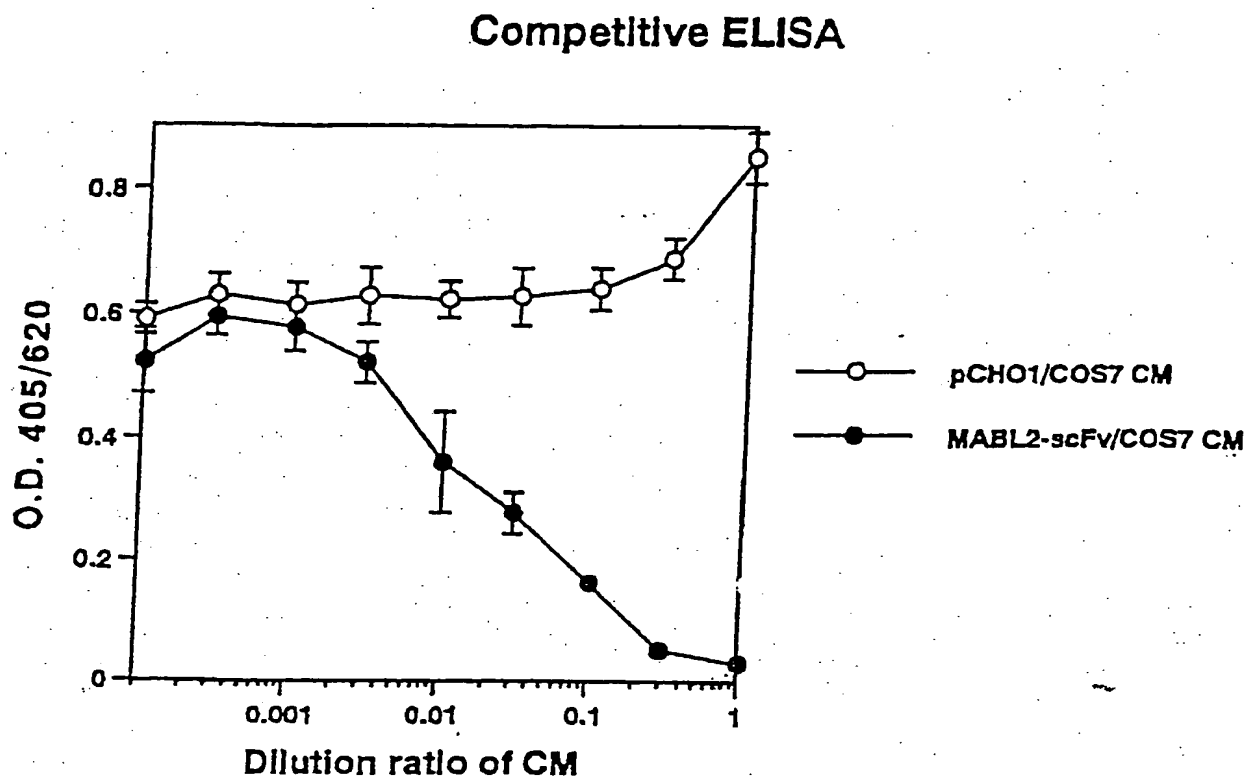
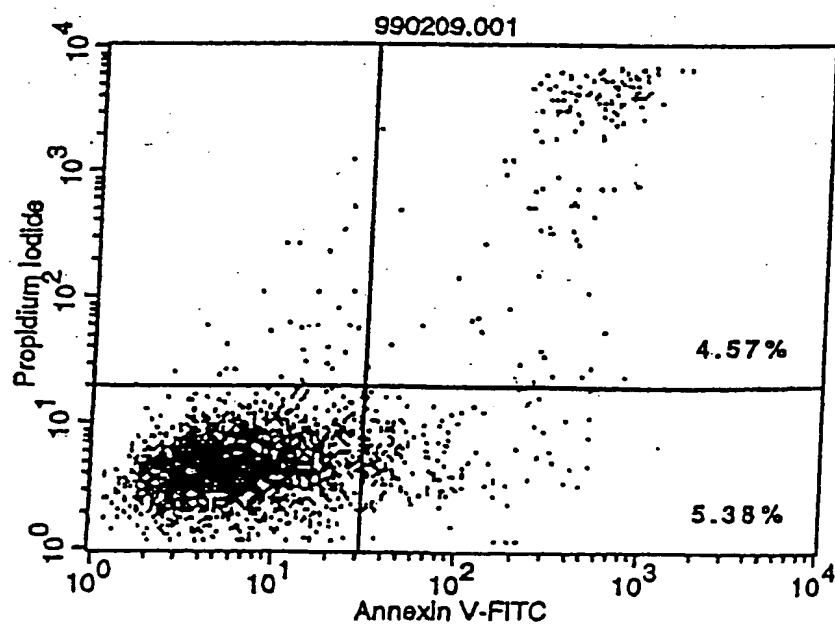


Fig. 13



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Fig. 14

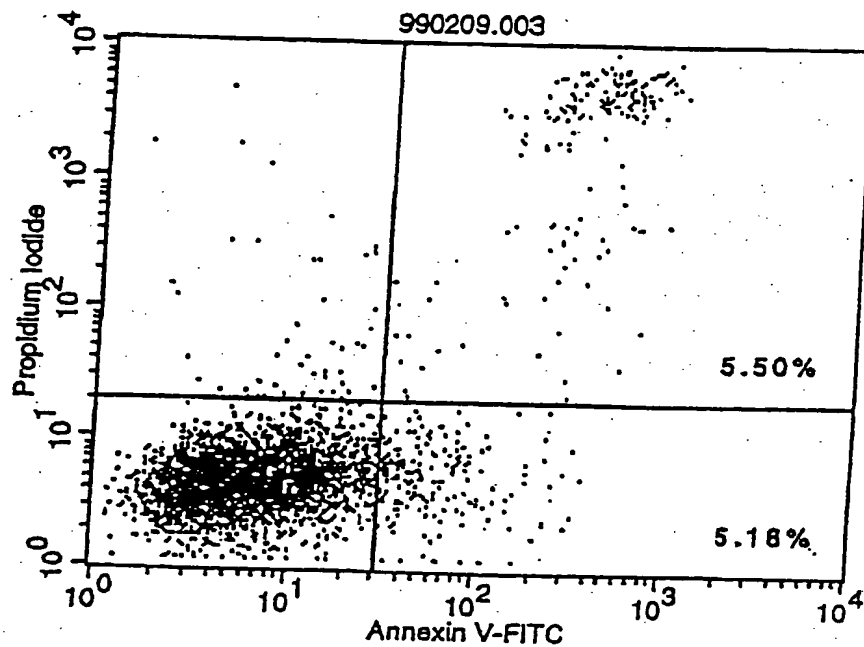
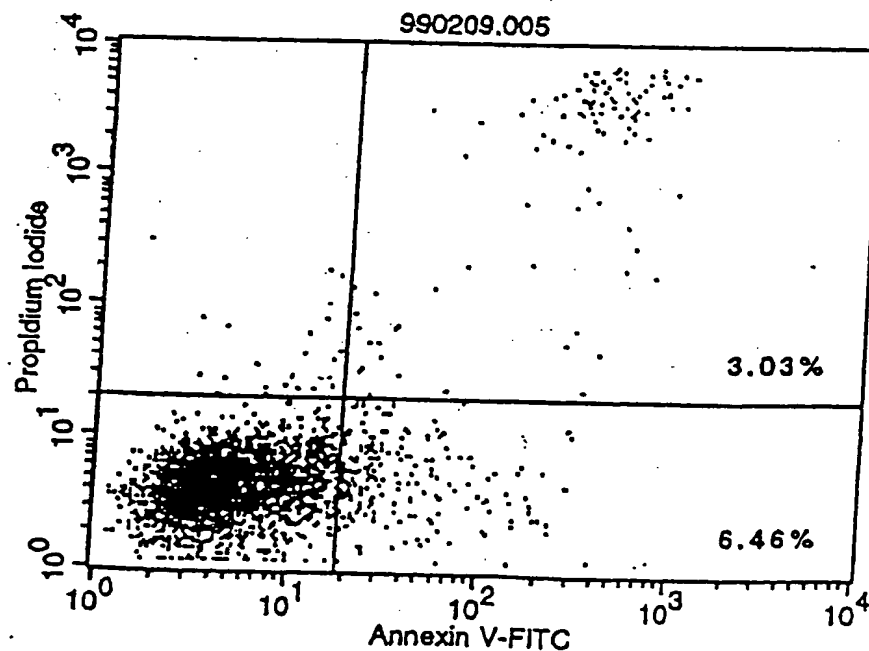


Fig. 15



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Fig. 16

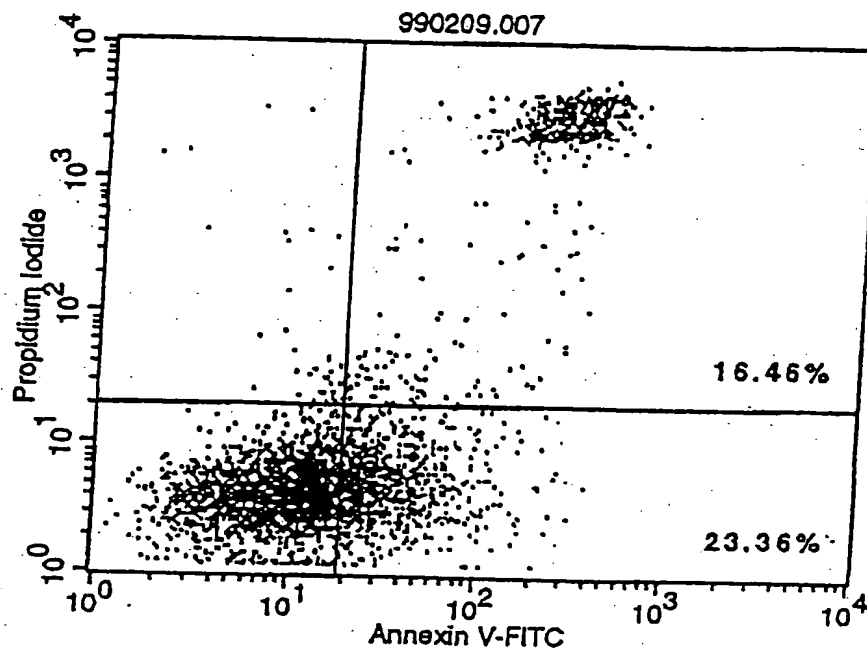


Fig. 17

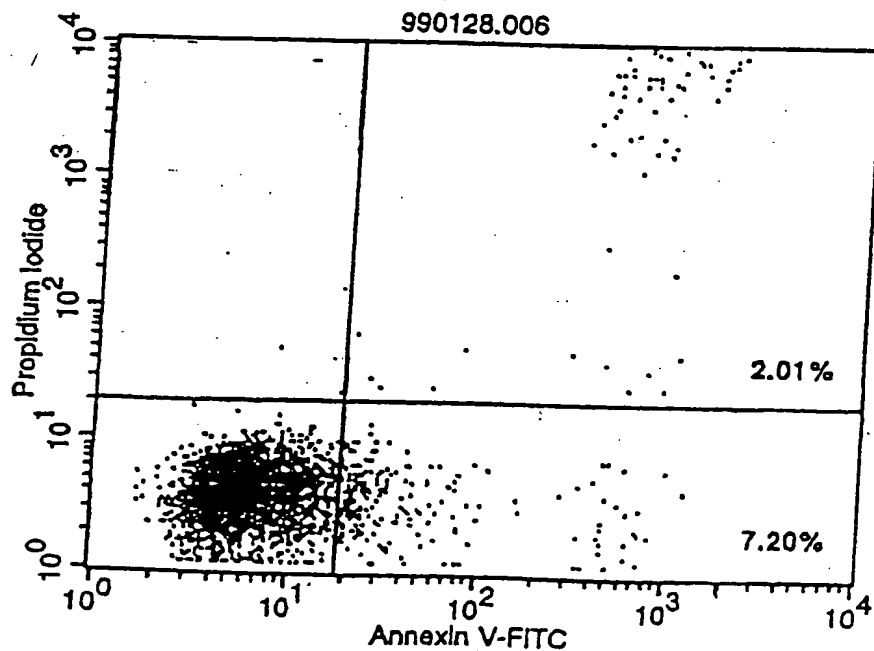


Fig. 18

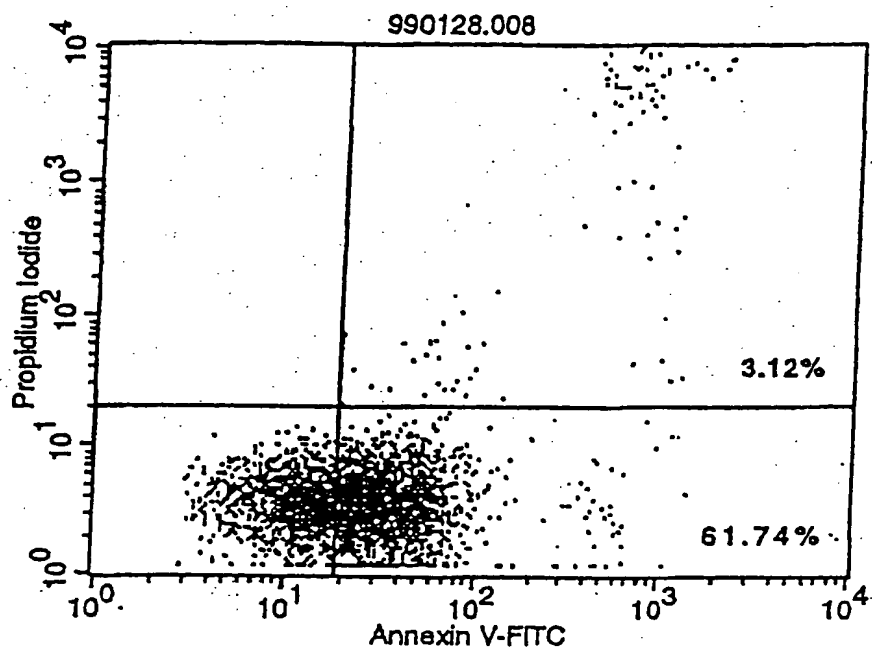


Fig. 19

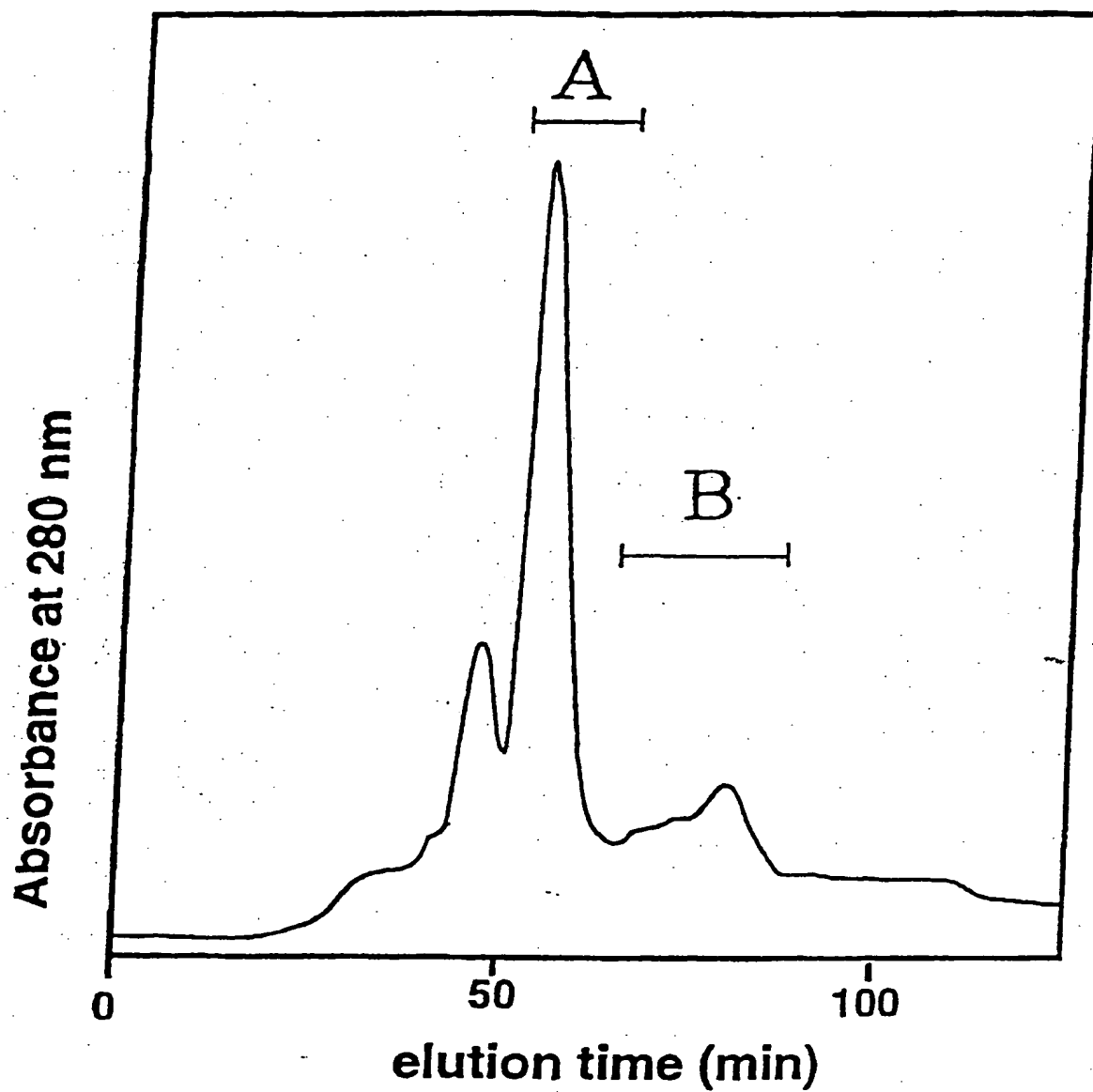


Fig. 20

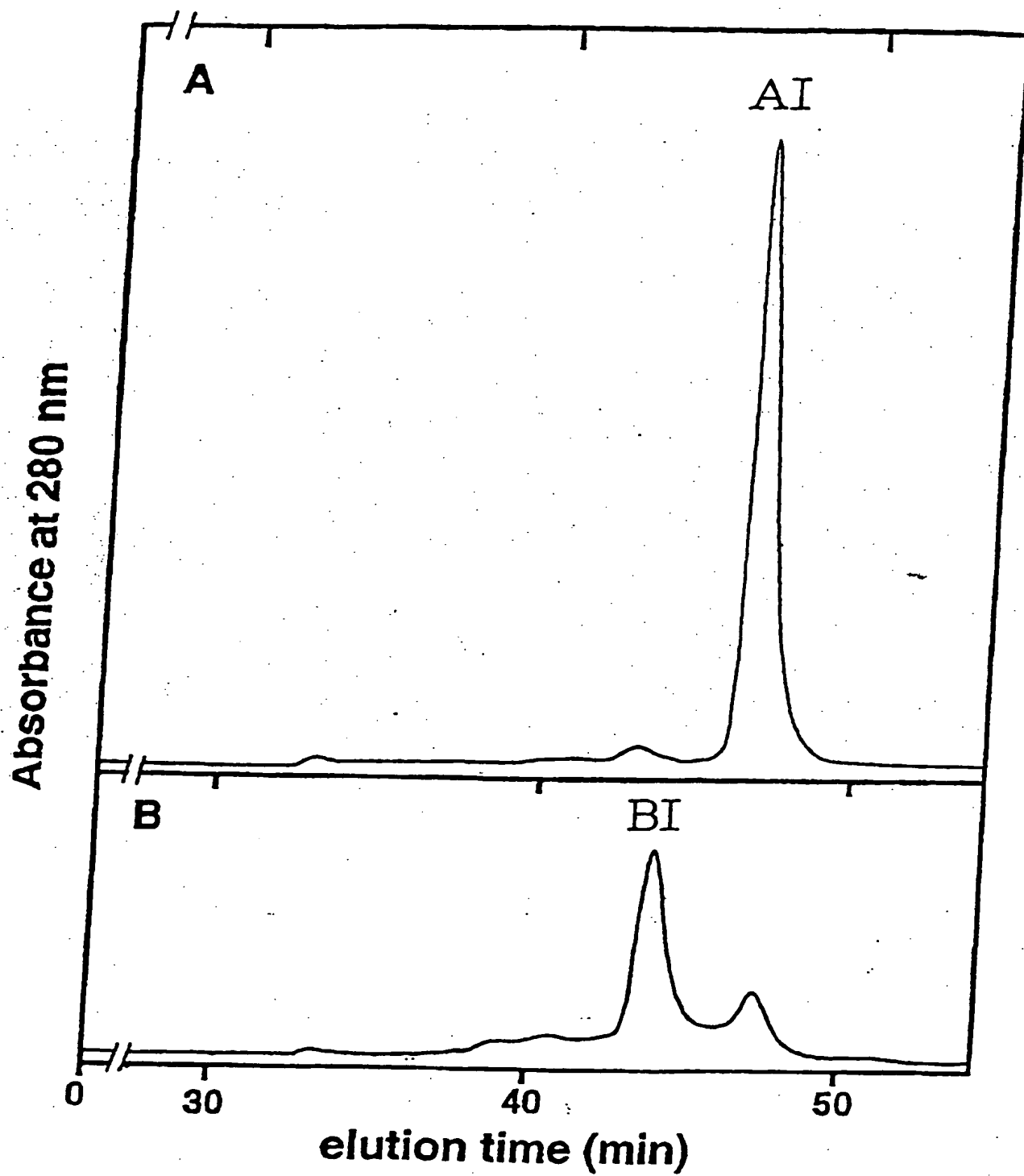


Fig. 21

## SDS-PAGE analysis of MABL2-scFv

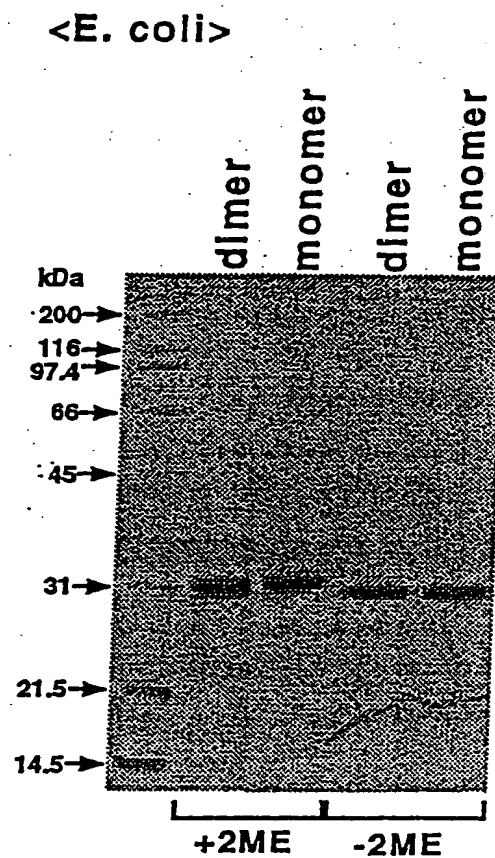
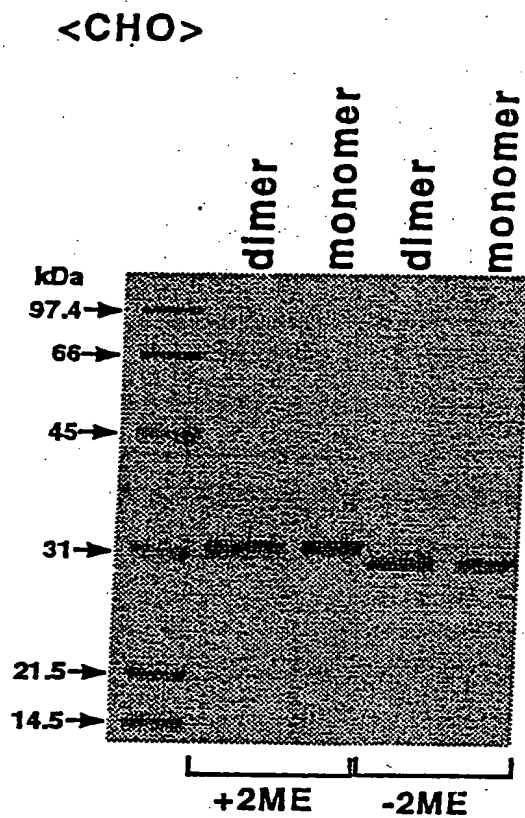


Fig. 22

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TSK gel G3000SW

20 mM Acetate buffer, 0.15 M NaCl, pH 6.0

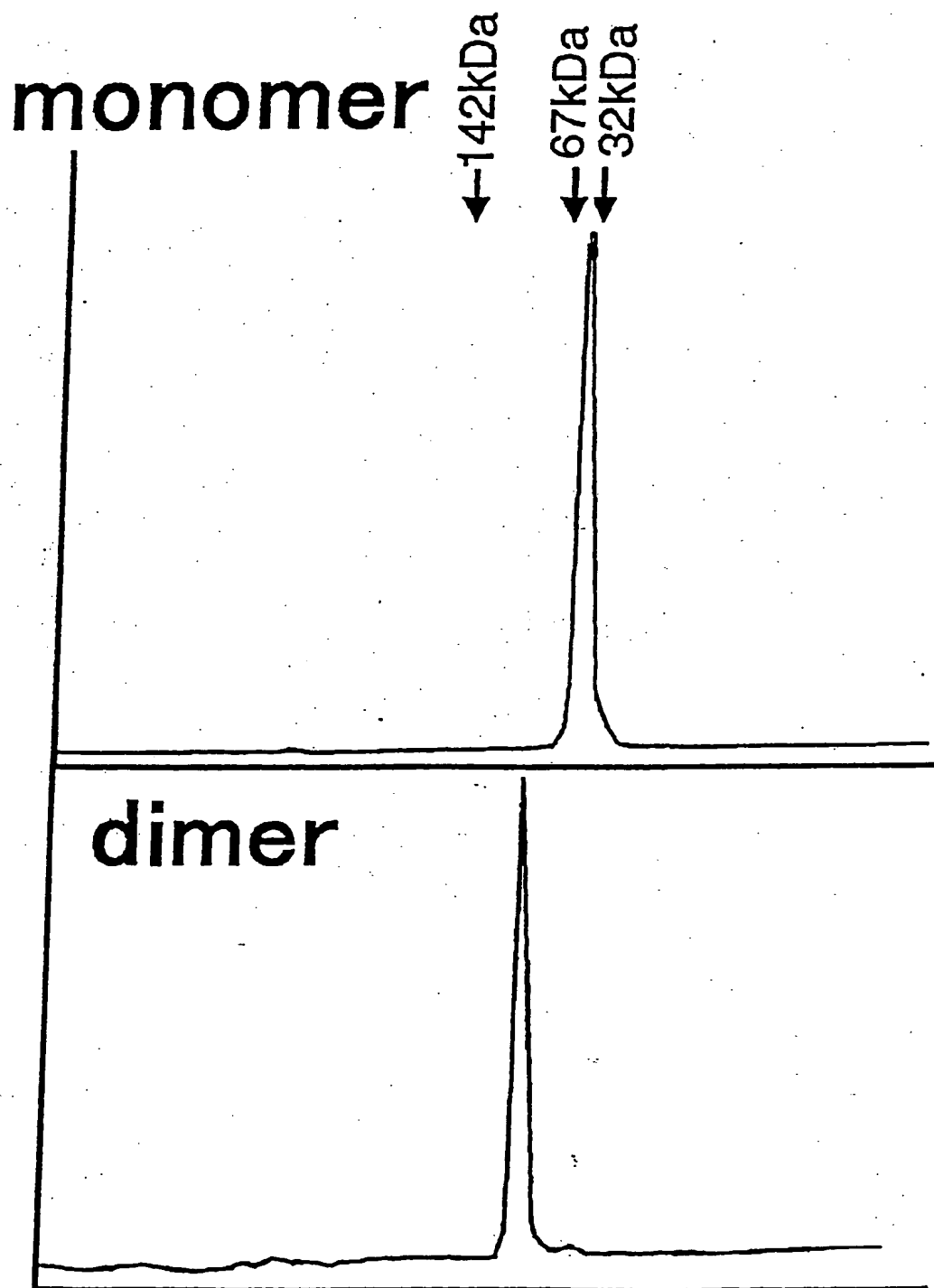
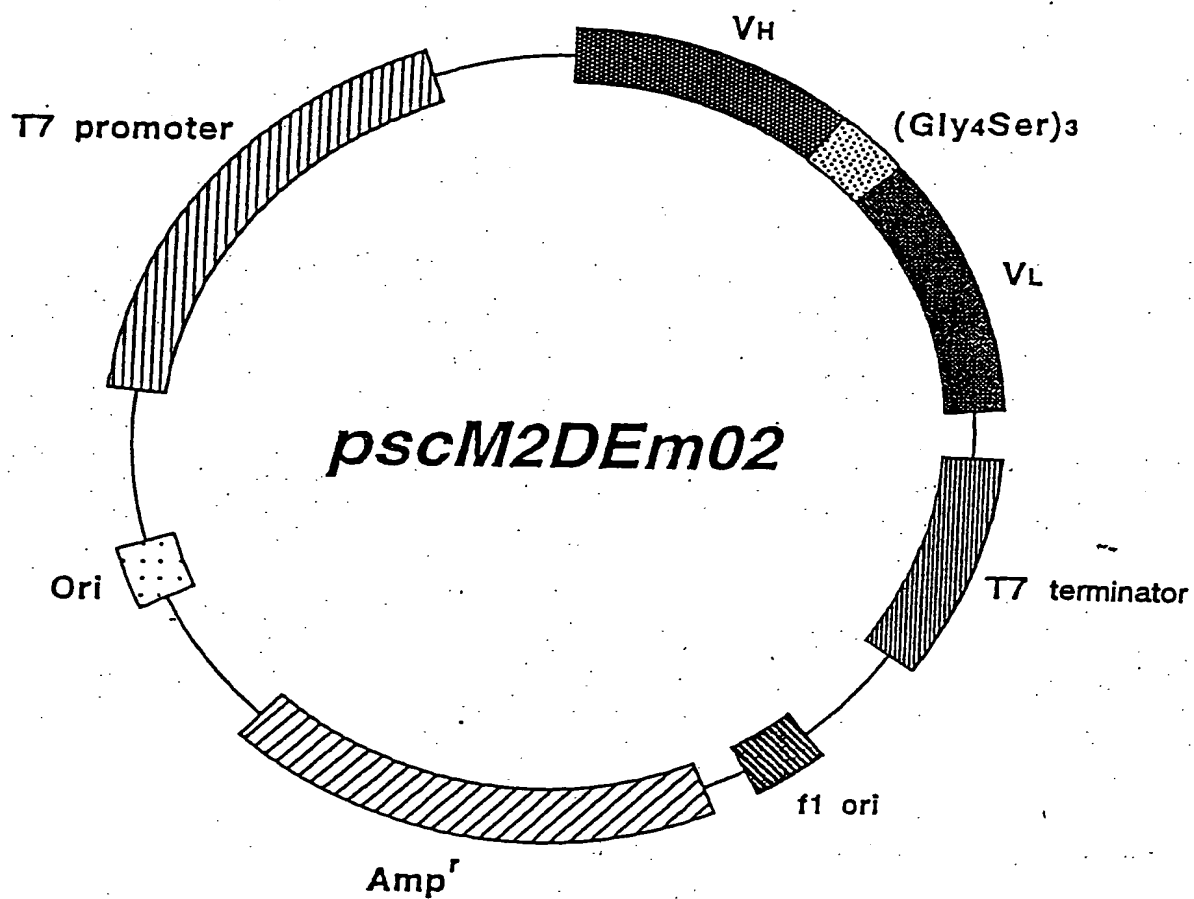


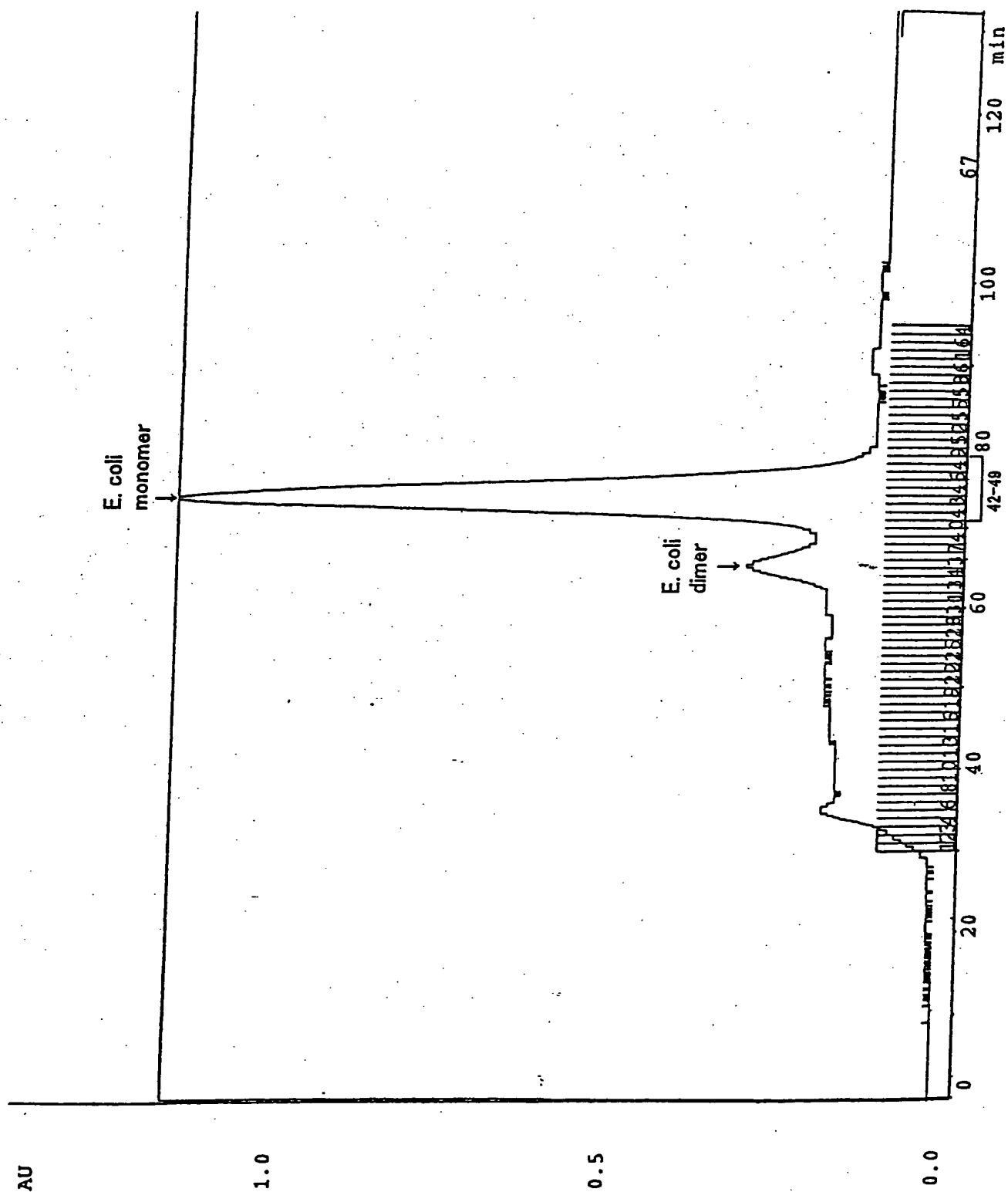


Fig. 23



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Fig. 24



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Fig. 25

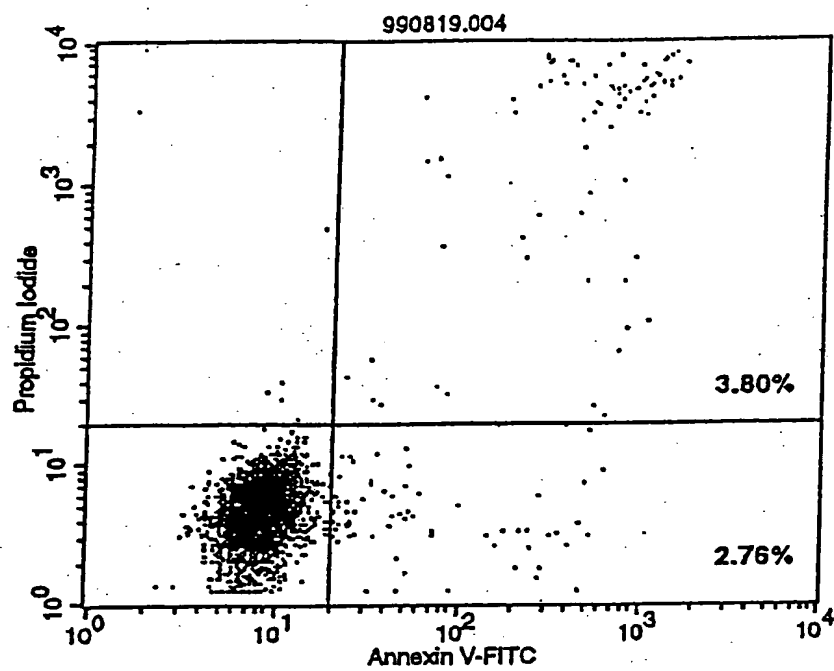


Fig. 26

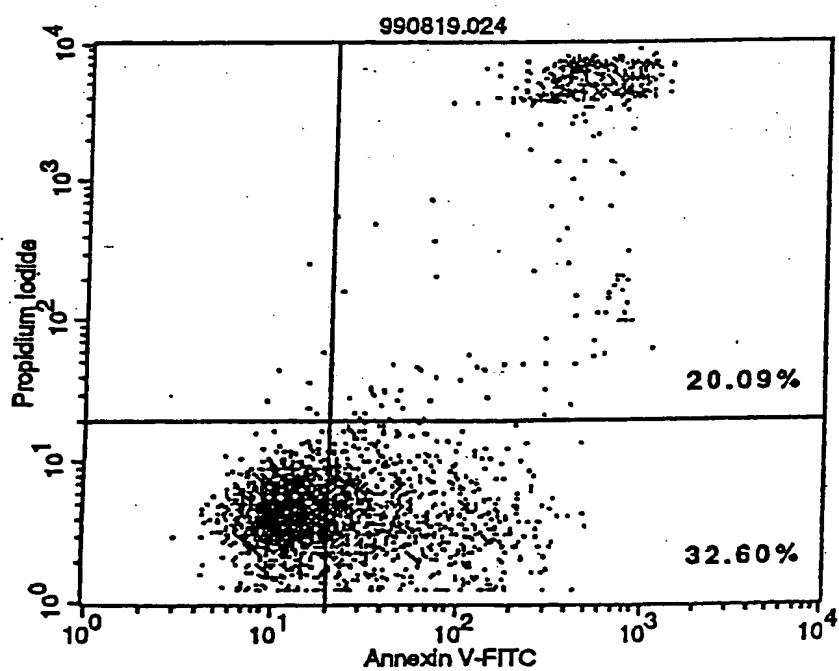


Fig. 27

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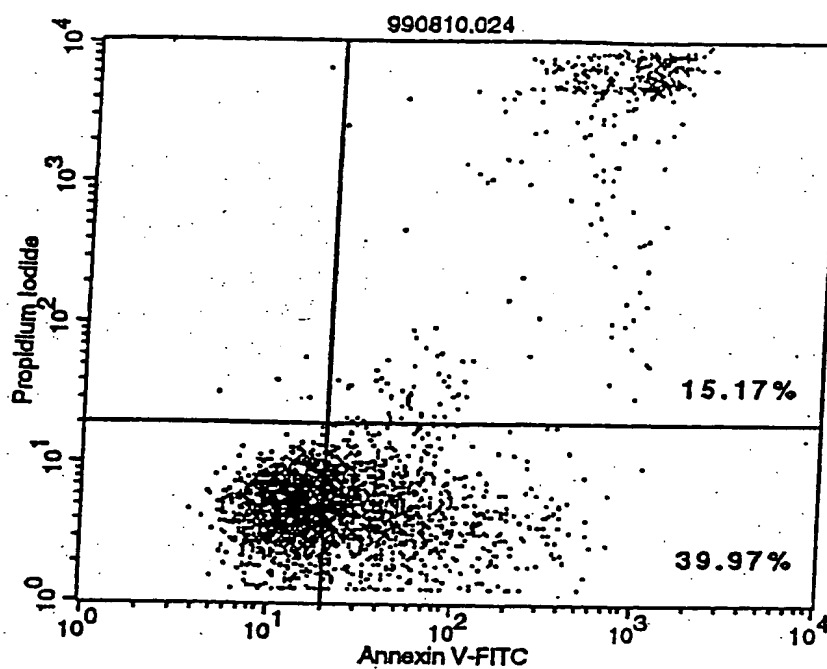


Fig. 28

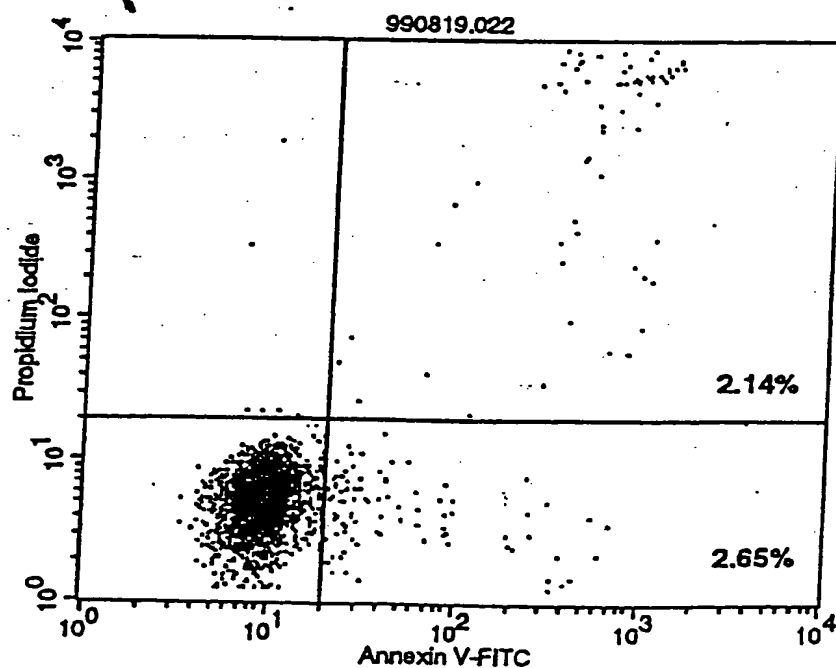
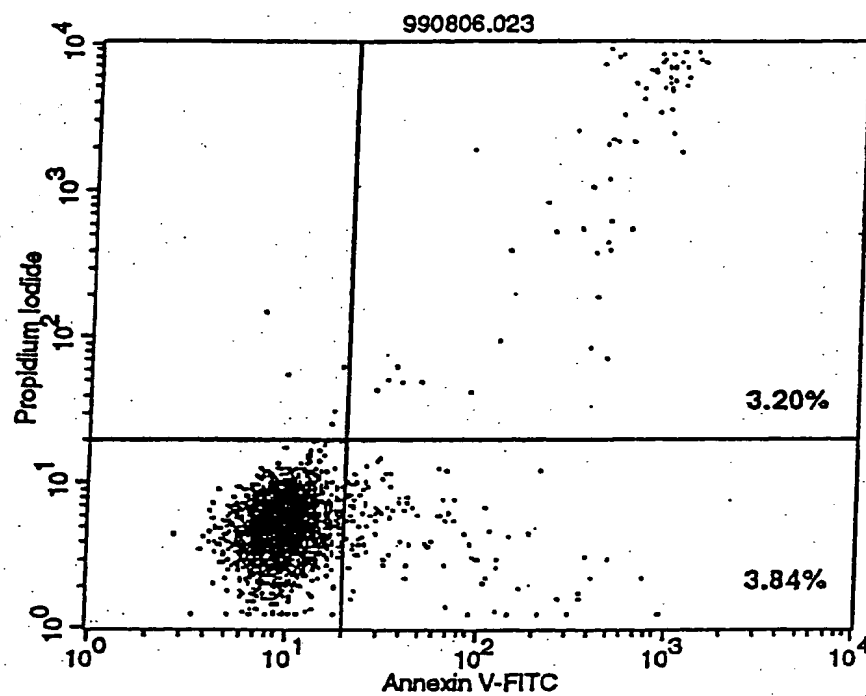


Fig. 29



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Fig. 30

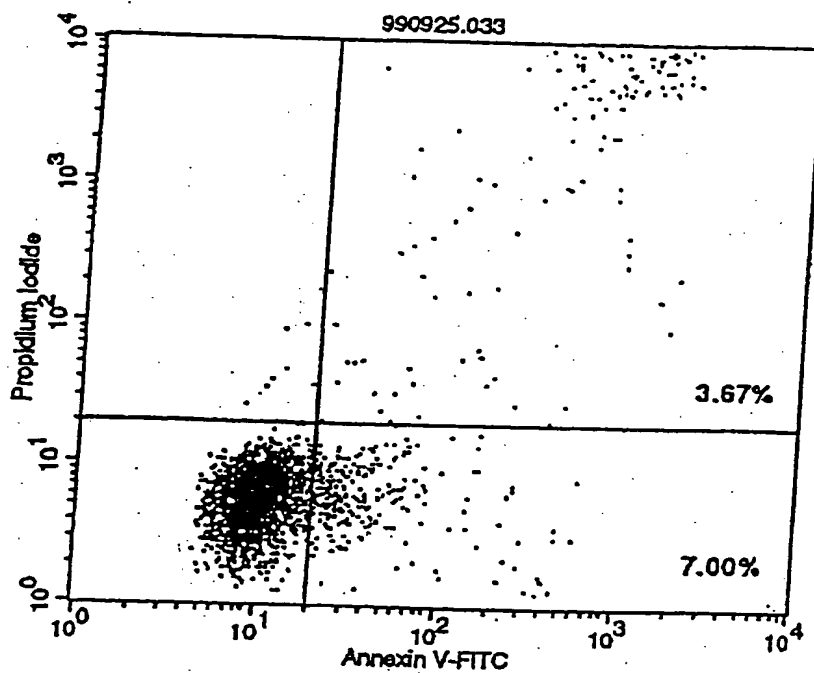


Fig. 31

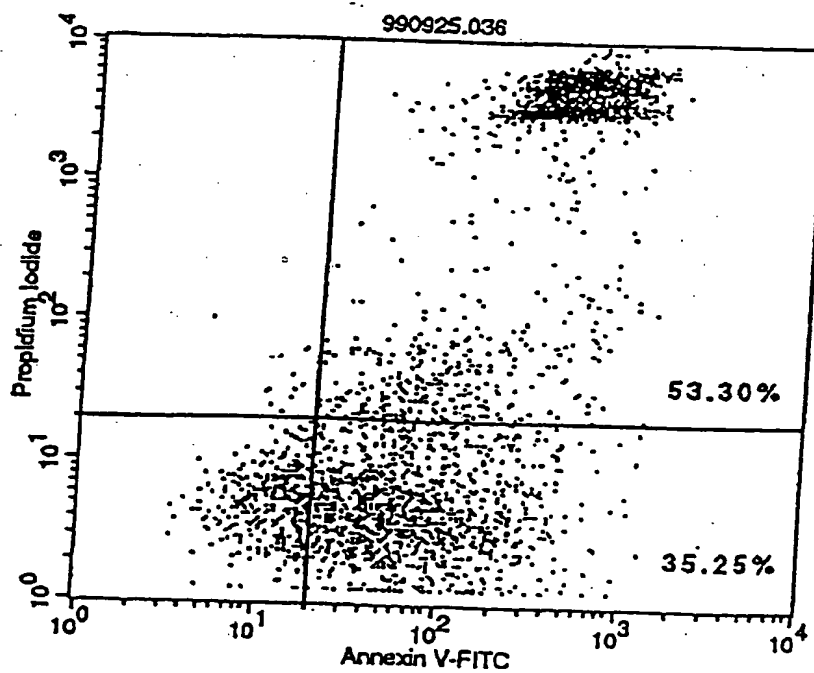
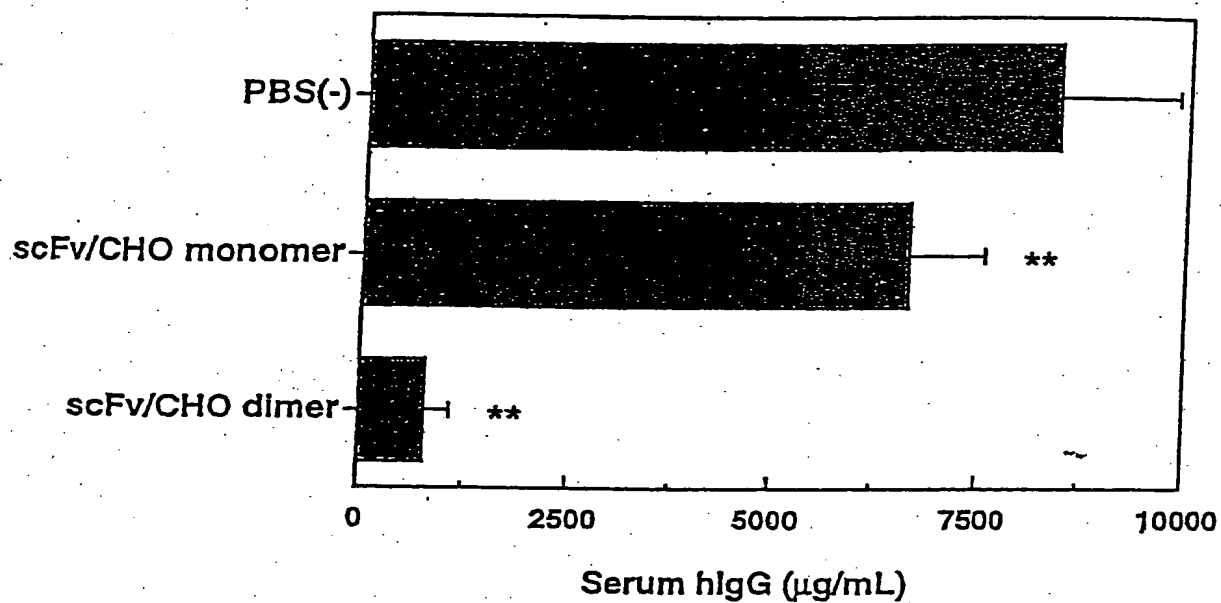


Fig. 32

*Effect of MABL-2 (scFv) on serum hlgG  
in KPMM2 i.v. SCID mice*



\*\* :  $p < 0.01$

Fig. 33

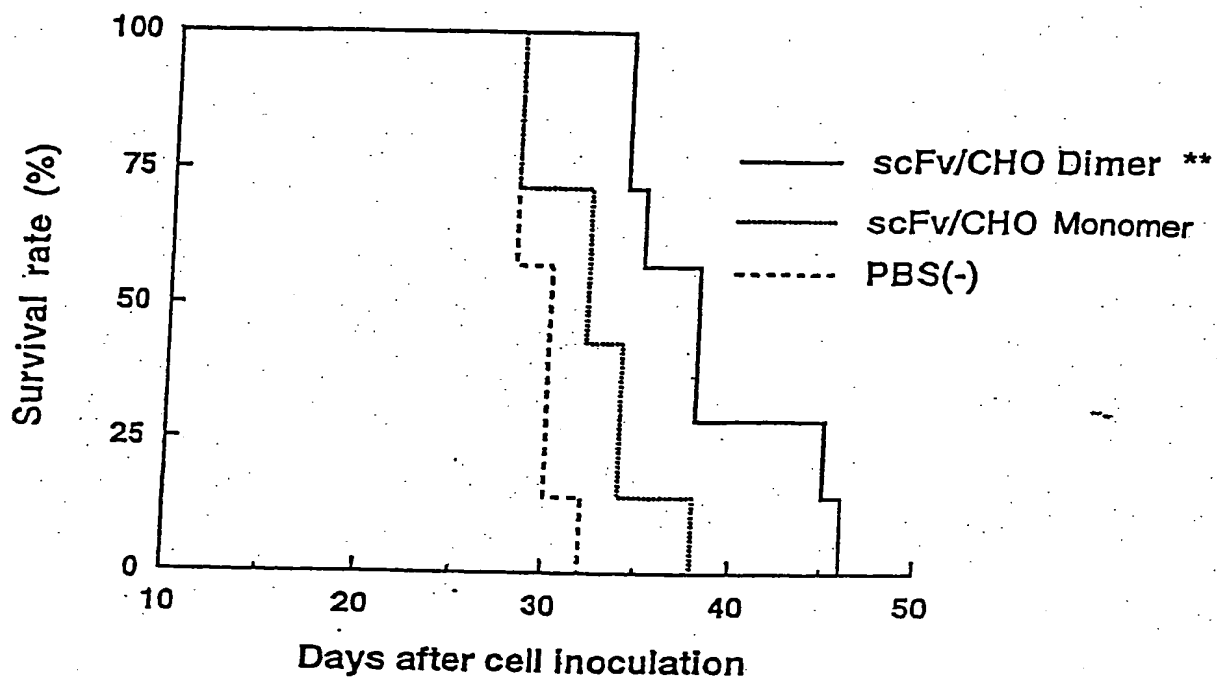
*Effect of MABL-2 (scFv) on survival  
of KPMM2 i.v. SCID mice*\*\* ;  $P < 0.01$  by t-test



Fig. 34

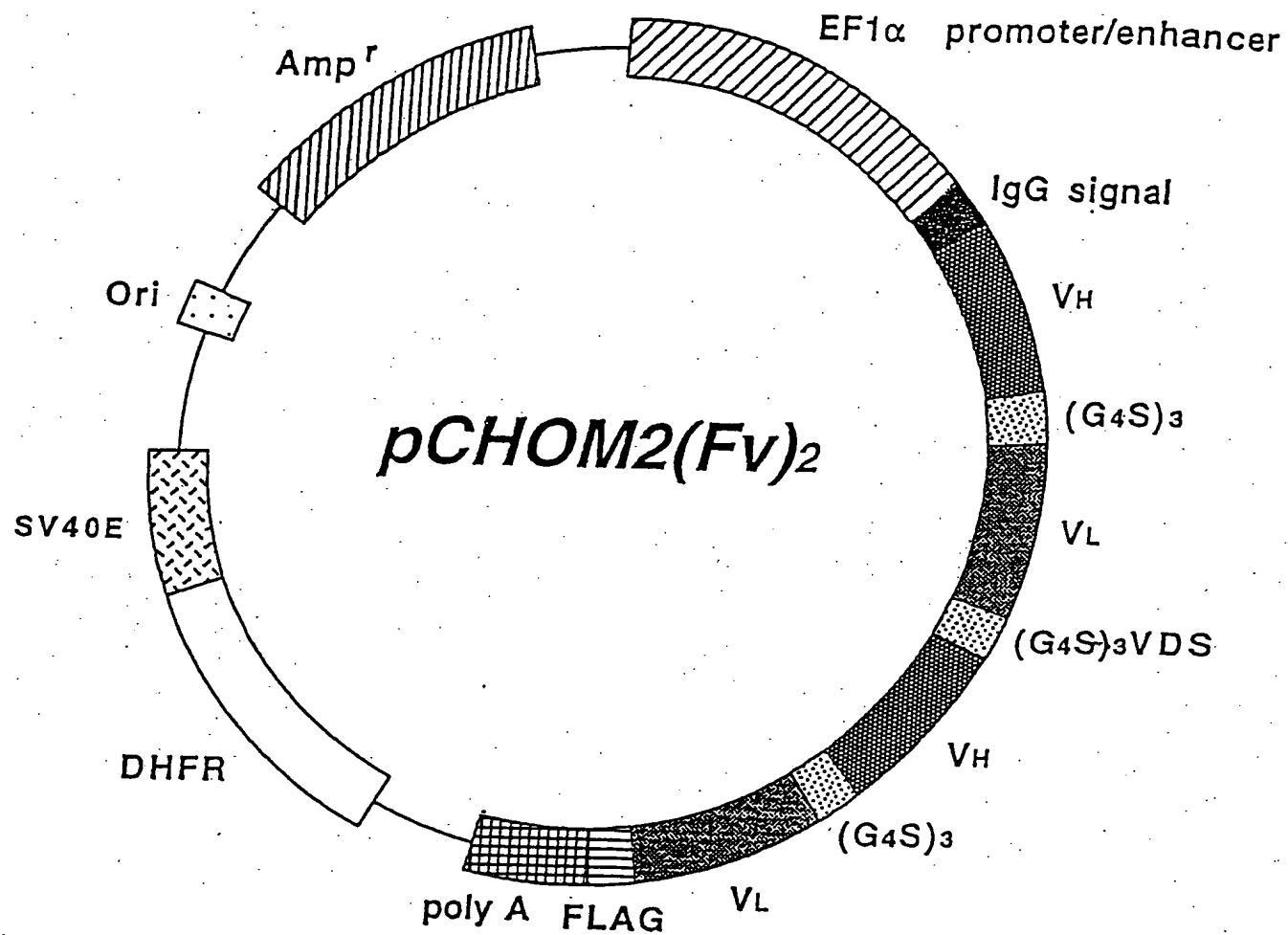
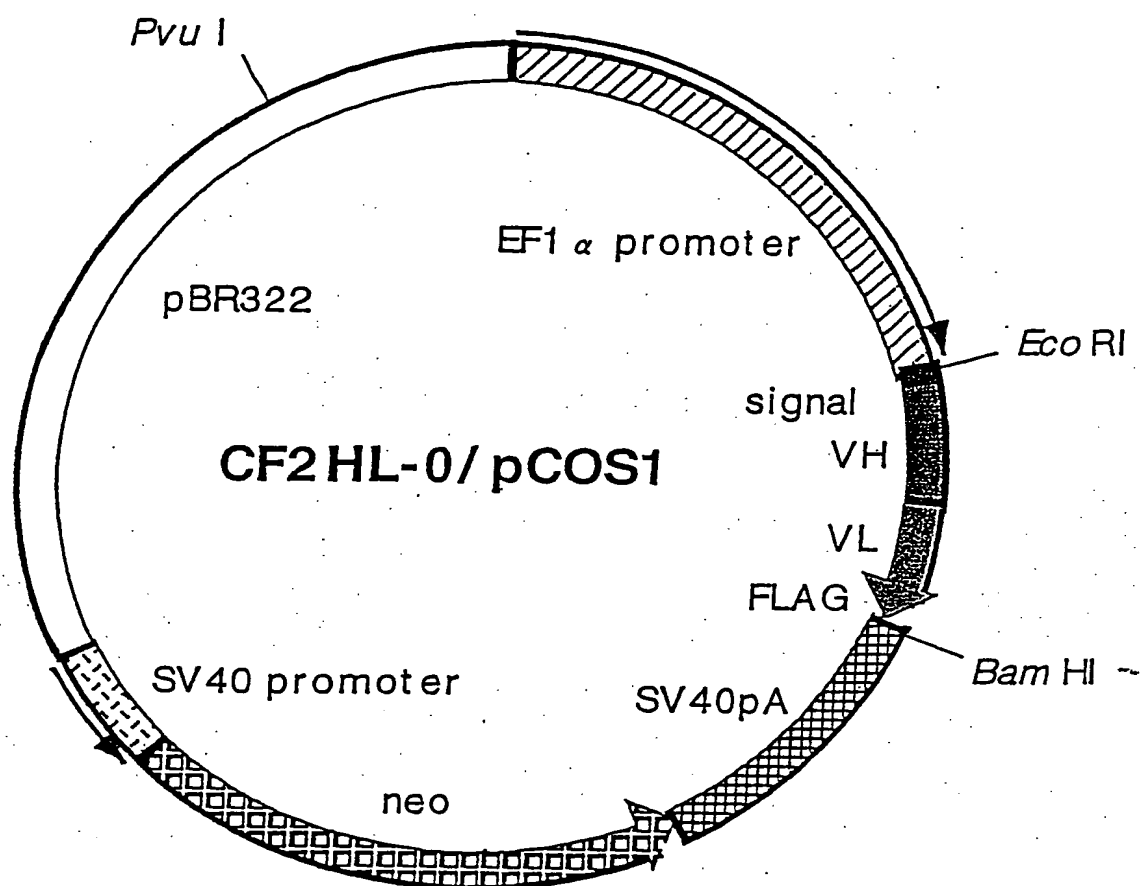


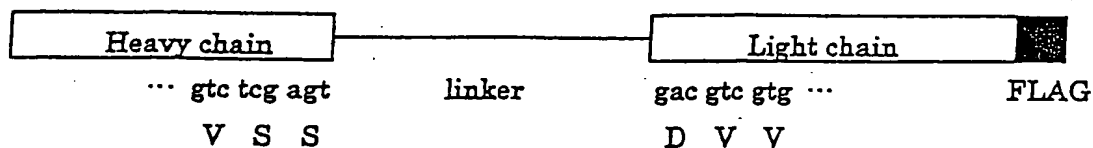
Fig. 35



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Fig. 36

## Base Sequence and Amino Acid Sequence of Linker for HL Type



Plasmid	Number of linker amino acid	linker	linker
CF2HL-0/pCOS1	0	gtc tcg agt V S S	gac gtc gtg D V V
CF2HL-3/pCOS1	3	gtc tcg agt ggt ggt tcc V S S G G S	gac gtc gtg D V V
CF2HL-4/pCOS1	4	gtc tcg agt ggt ggt ggt tcc V S S G G G S	gac gtc gtg D V V
CF2HL-5/pCOS1	5	gtc tcg agt ggt ggt ggt ggt tcc V S S G G G G S	gac gtc gtg D V V
CF2HL-6/pCOS1	6	gtc tcg agt gt ggt ggt ggt ggt tcc V S S G G G G G S	gac gtc gtg D V V
CF2HL-7/pCOS1	7	gtc tcg agt ggt ggt ggt ggt ggt ggt tcc V S S G G G G G G S	gac gtc gtg D V V

Fig. 37

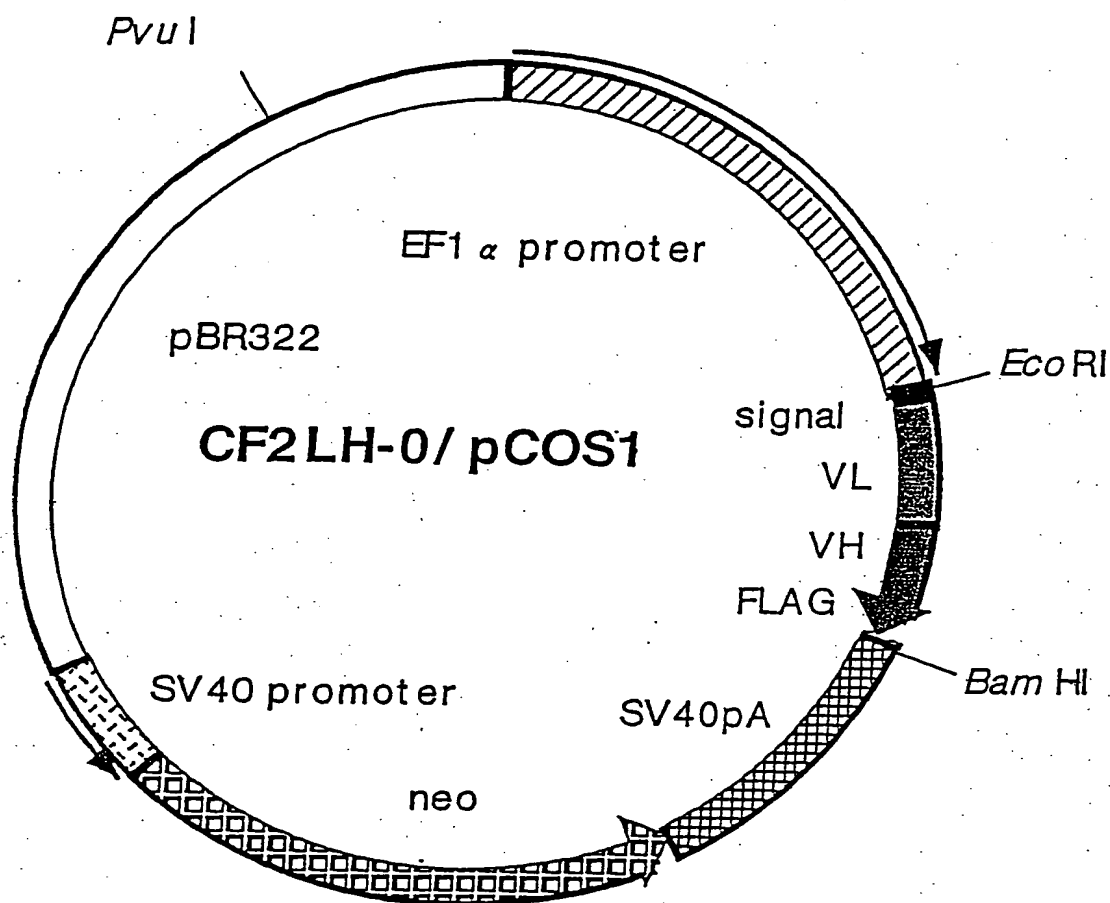
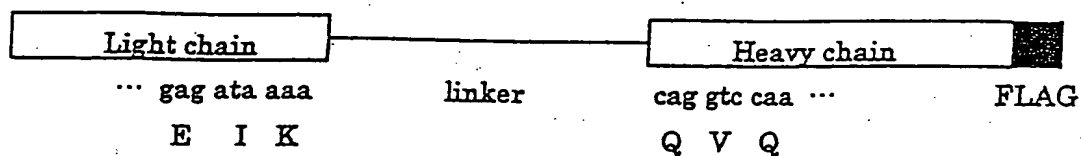


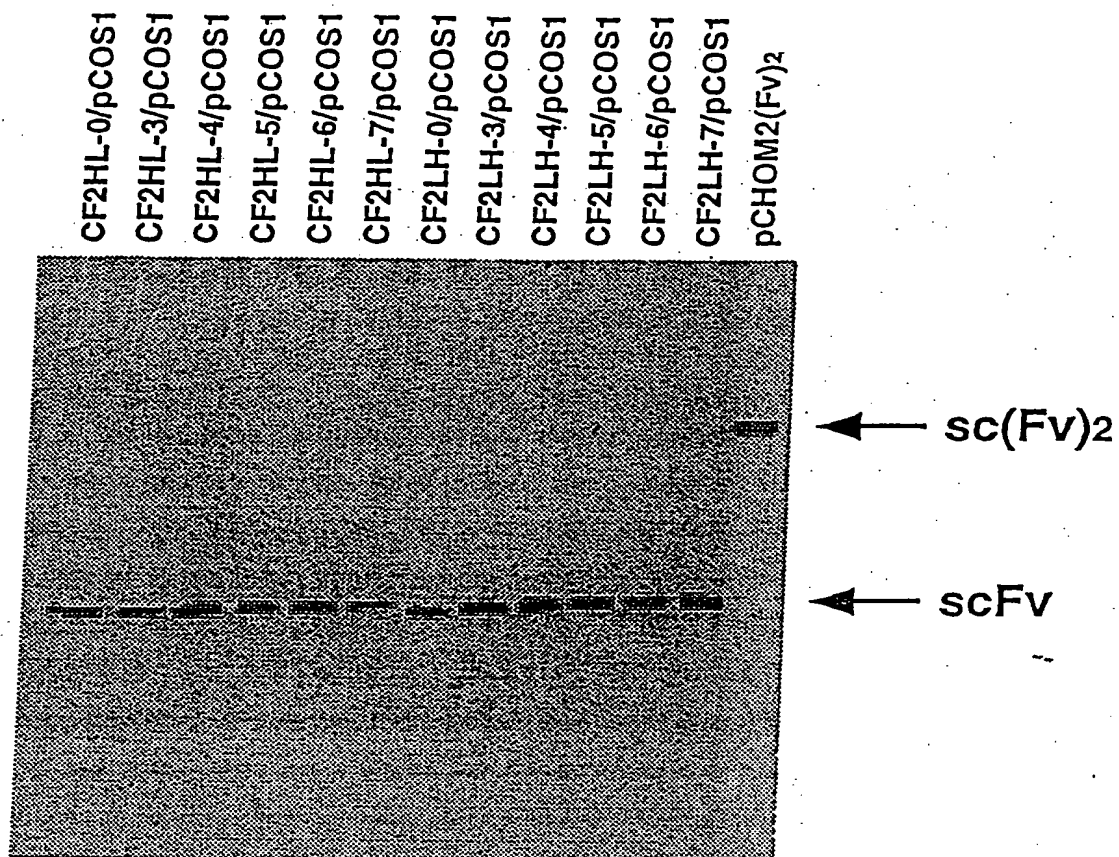
Fig. 38

## Base Sequence and Amino Acid Sequence of Linker for LH Type



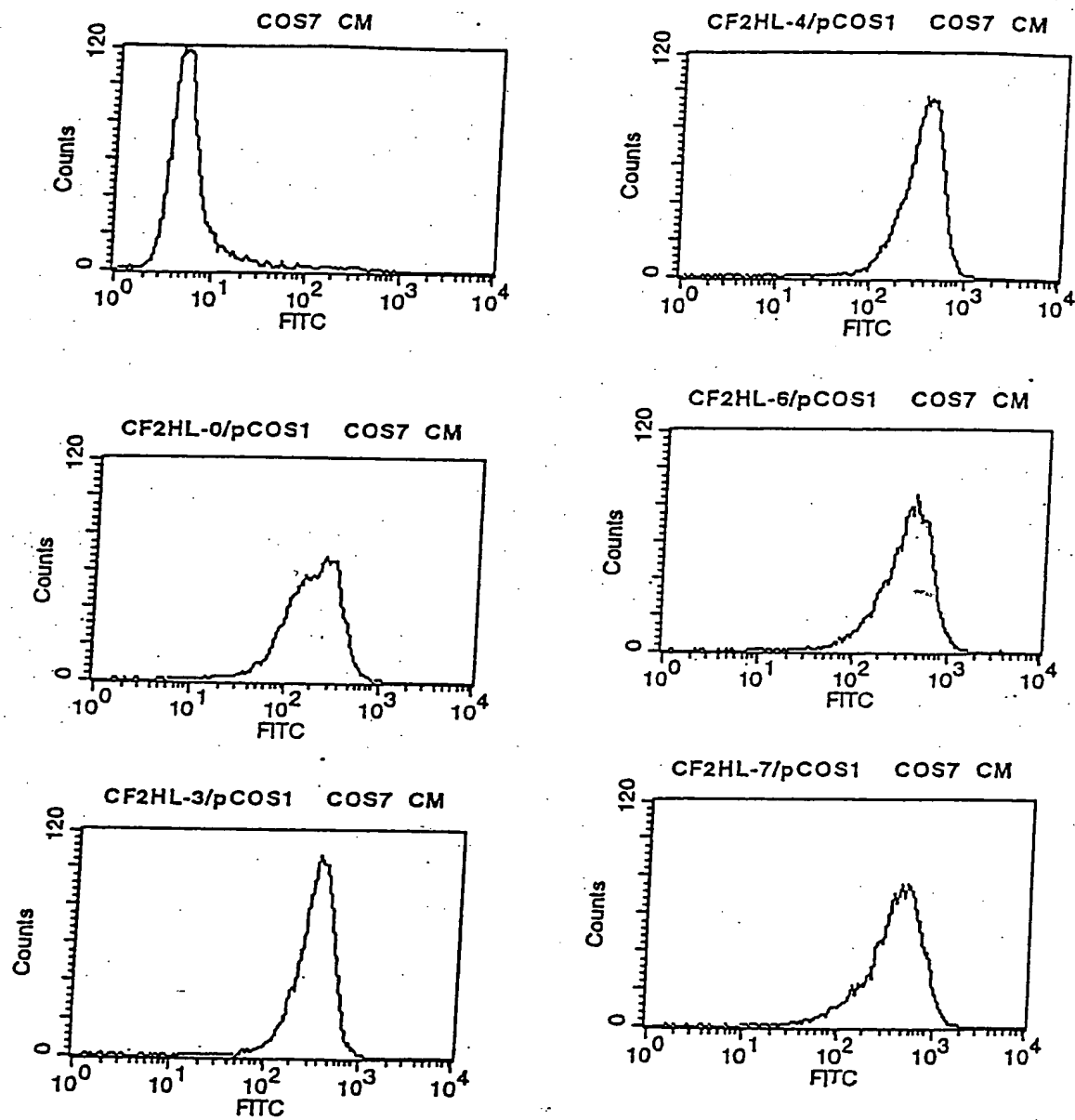
Plasmid	Number of		linker
	linker	amino acid	
CF2LH-0/pCOS1	0	gag ata aaa E I K	cag gtc caa Q V Q
CF2LH-3/pCOS1	3	gag ata aaa tcc gga ggc E I K S G G	cag gtc caa Q V Q
CF2LH-4/pCOS1	4	gag ata aaa tcc gga ggt ggc E I K S G G G	cag gtc caa Q V Q
CF2LH-5/pCOS1	5	gag ata aaa tcc gga ggt ggt ggc E I K S G G G G	cag gtc caa Q V Q
CF2LH-6/pCOS1	6	gag ata aaa tcc gga ggt ggt ggt ggc E I K S G G G G G	cag gtc caa Q V Q
CF2LH-7/pCOS1	7	gag ata aaa tcc gga ggt ggt ggt ggt ggc E I K S G G G G G G	cag gtc caa Q V Q

Fig. 39



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Fig. 40a



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Fig. 40b

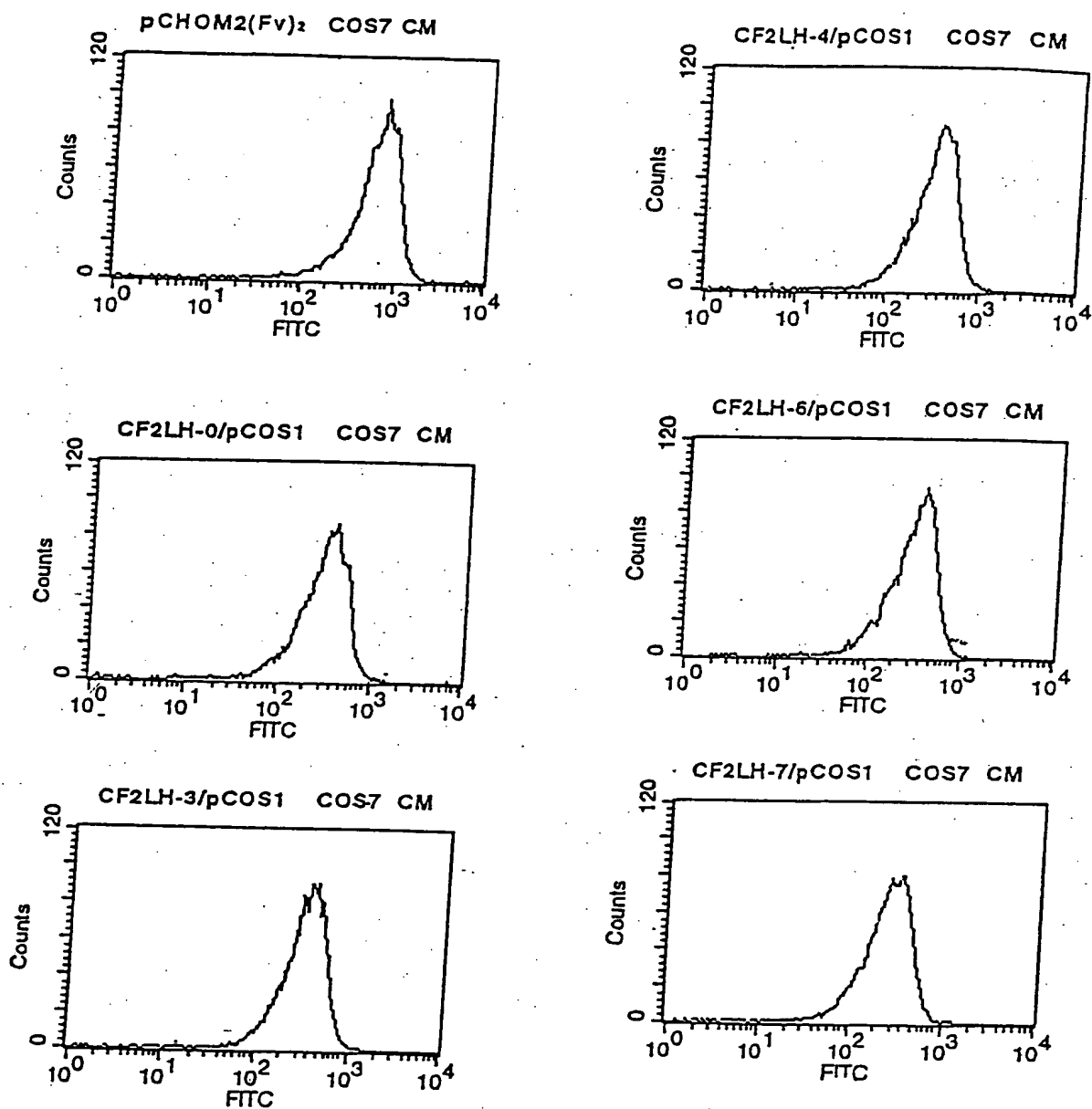




Fig. 41

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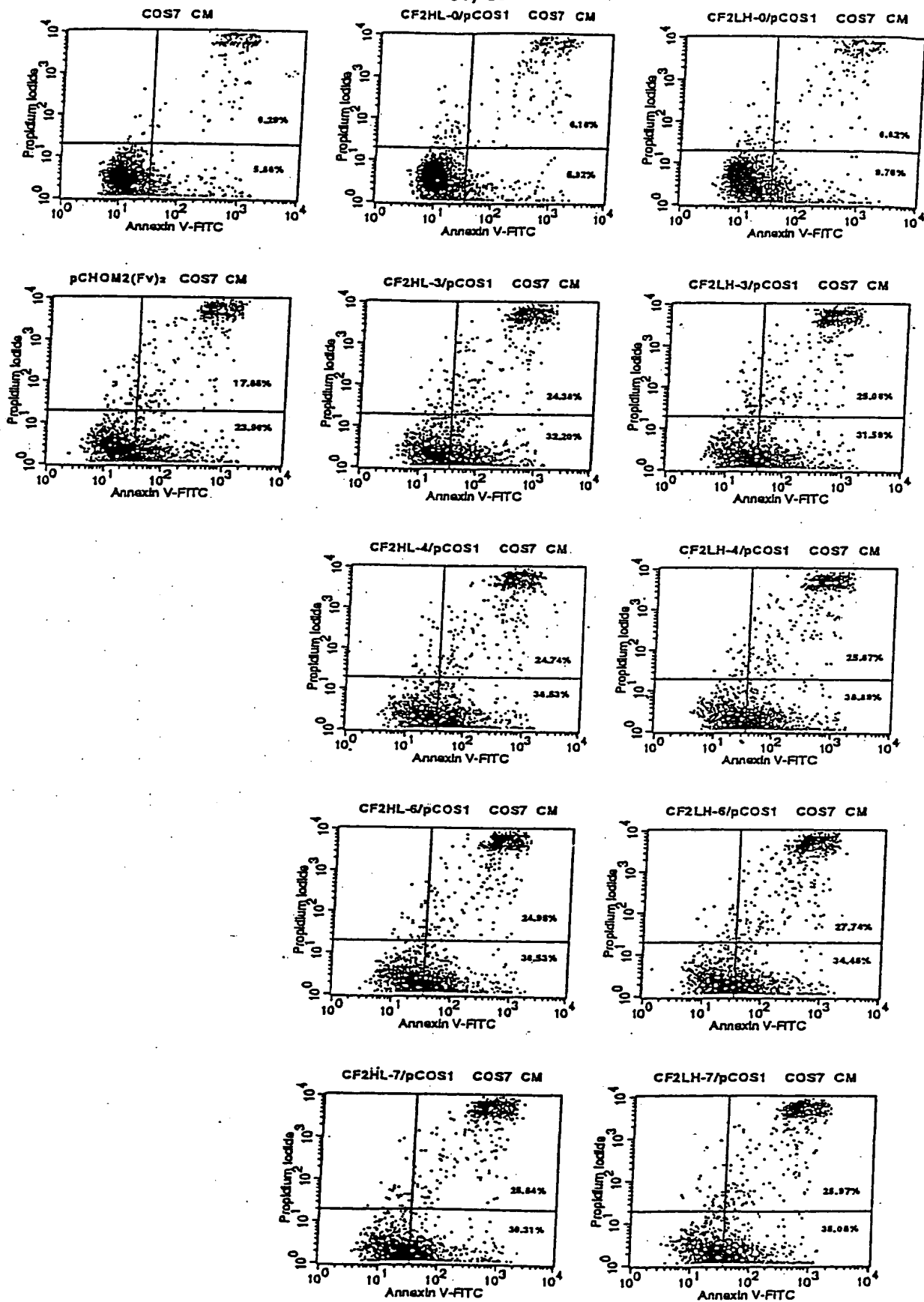


Fig. 42

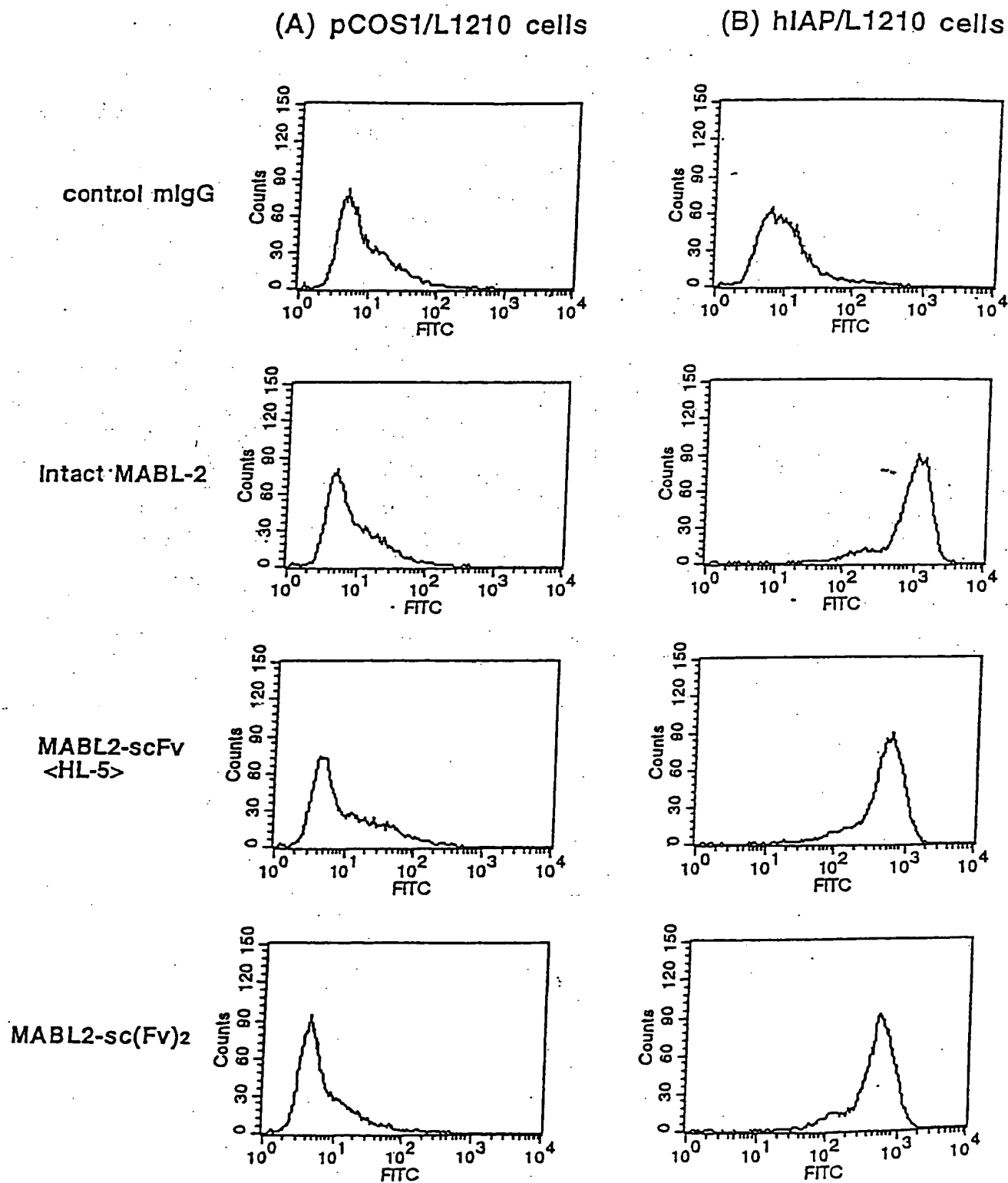


Fig. 43

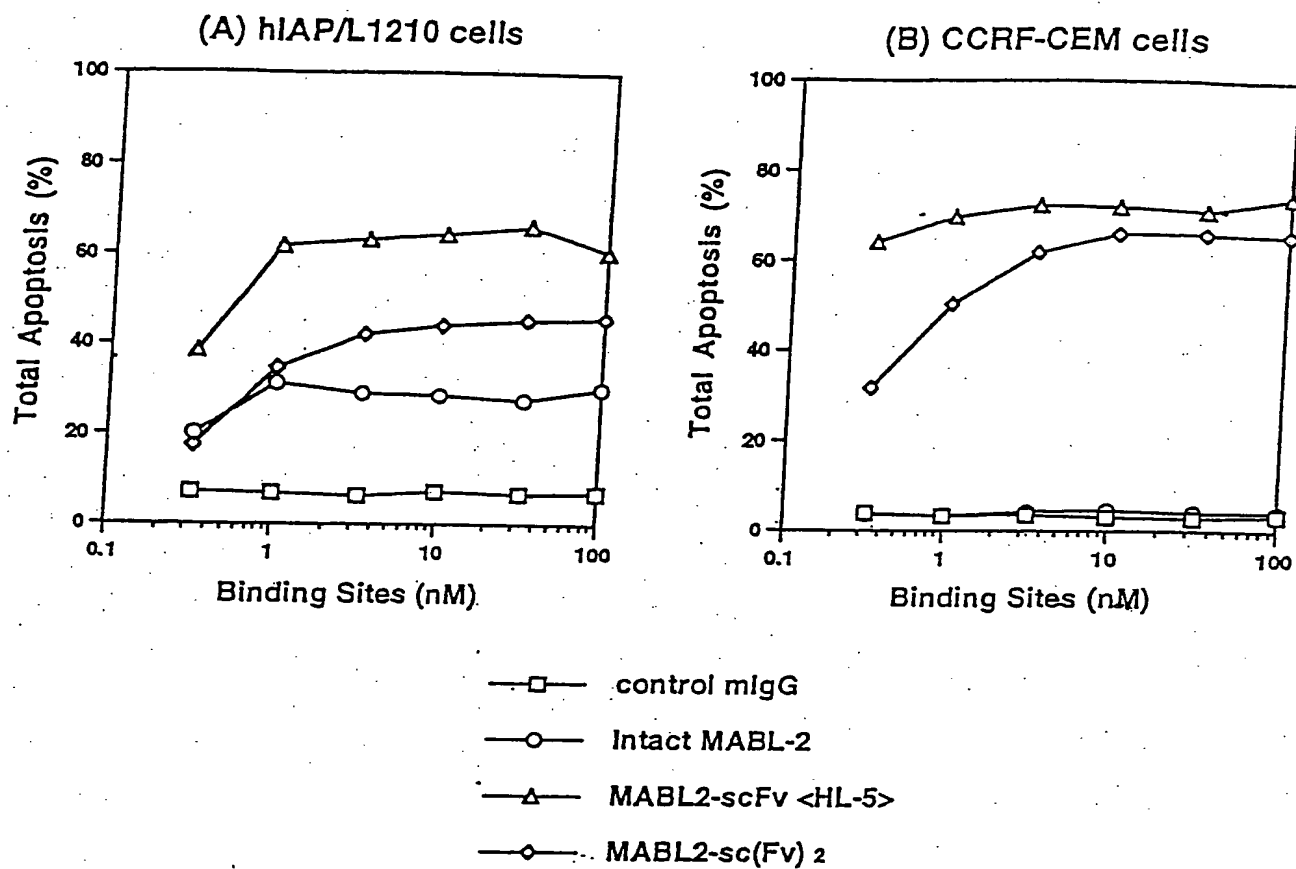


Fig. 44

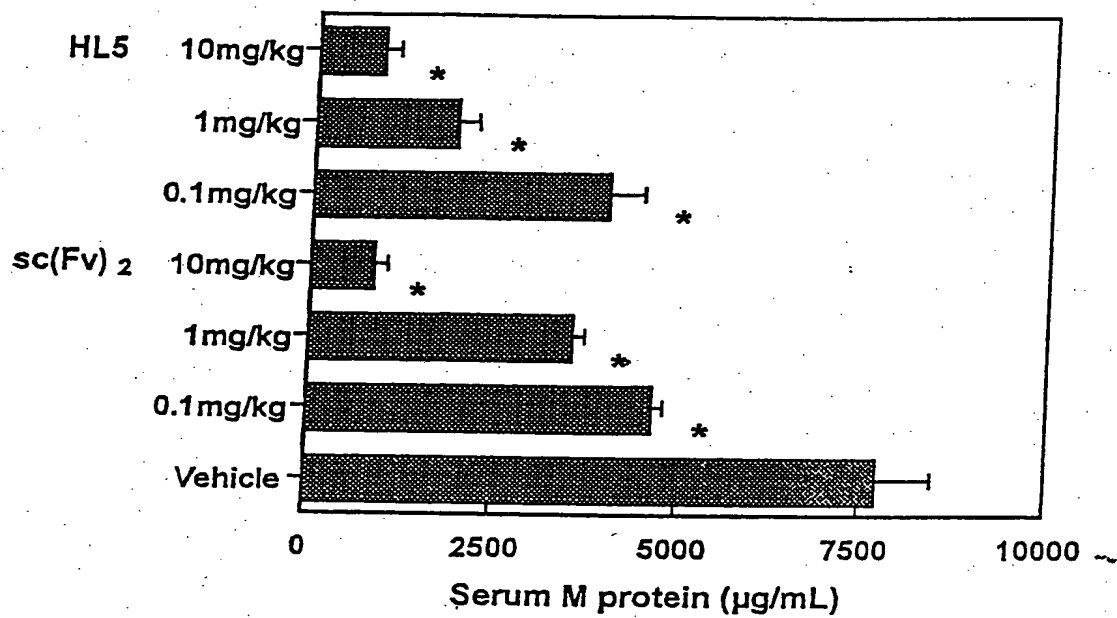


Fig. 45

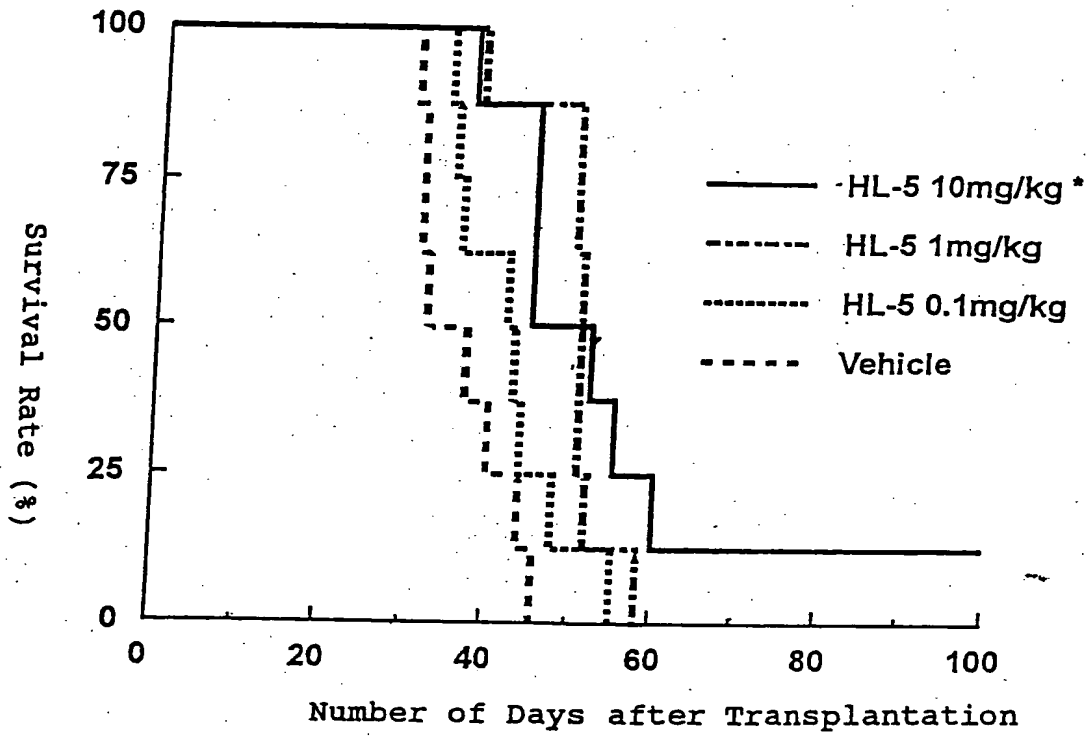


Fig. 46

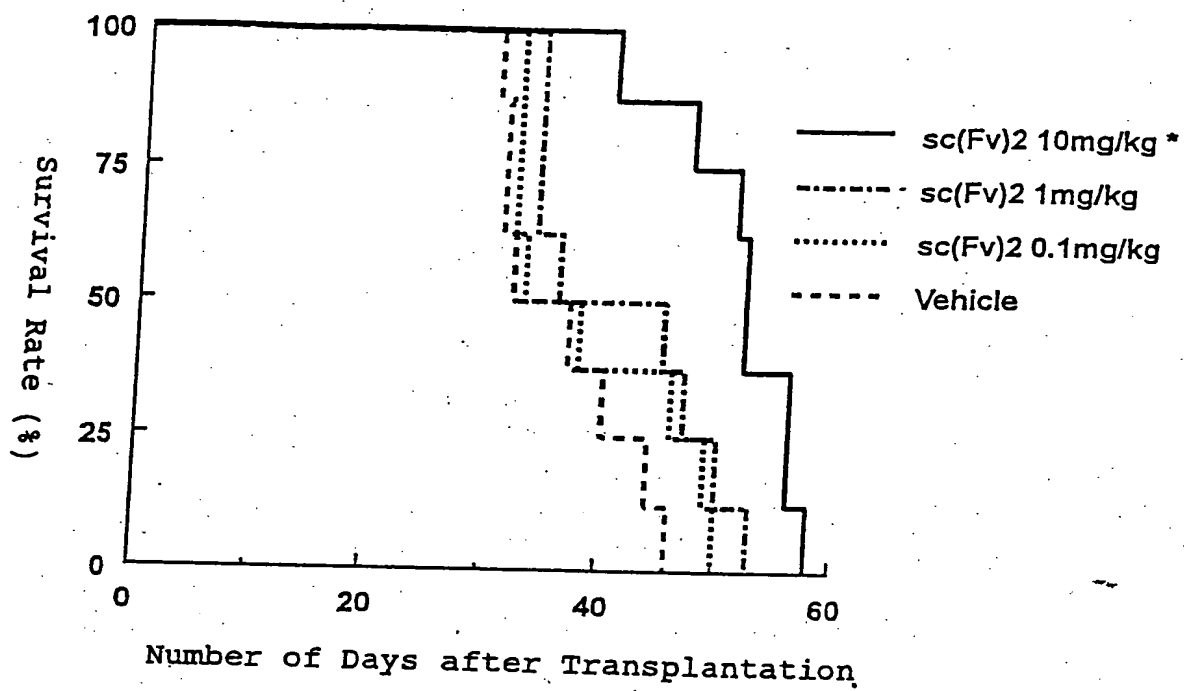


Fig. 47

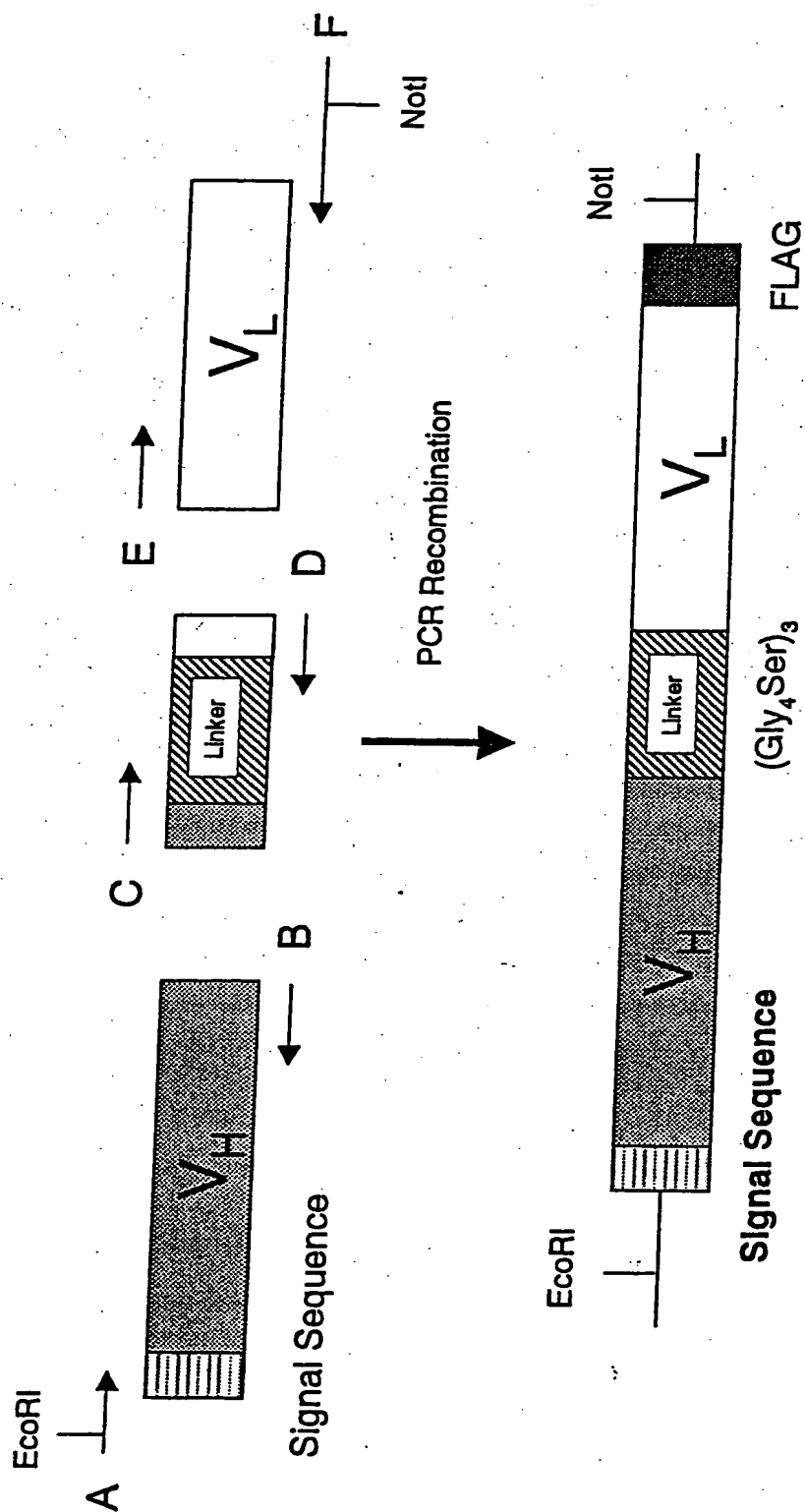


Fig. 48

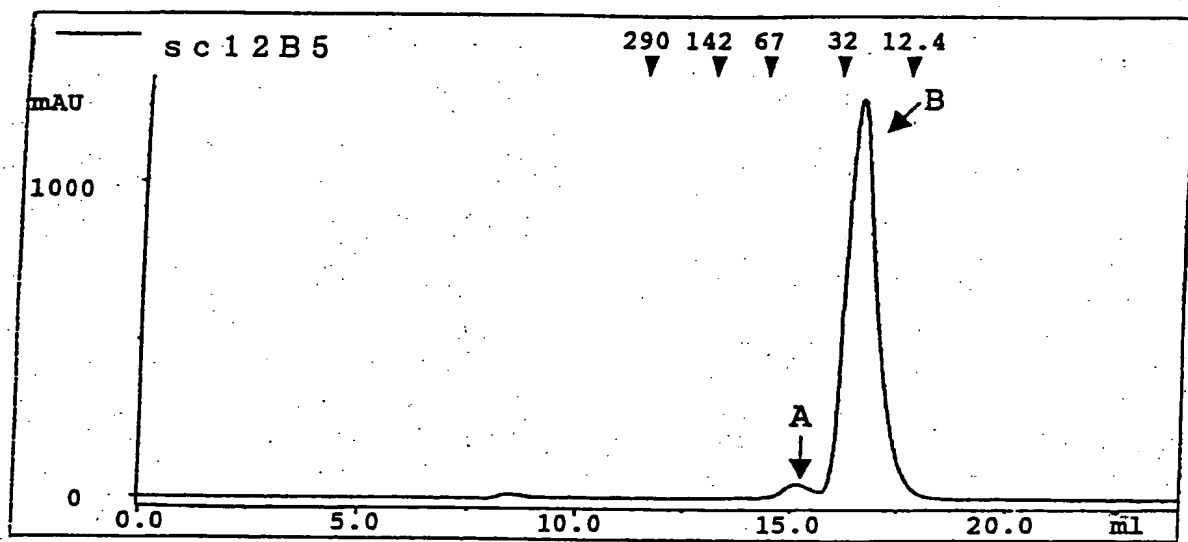




Fig. 49

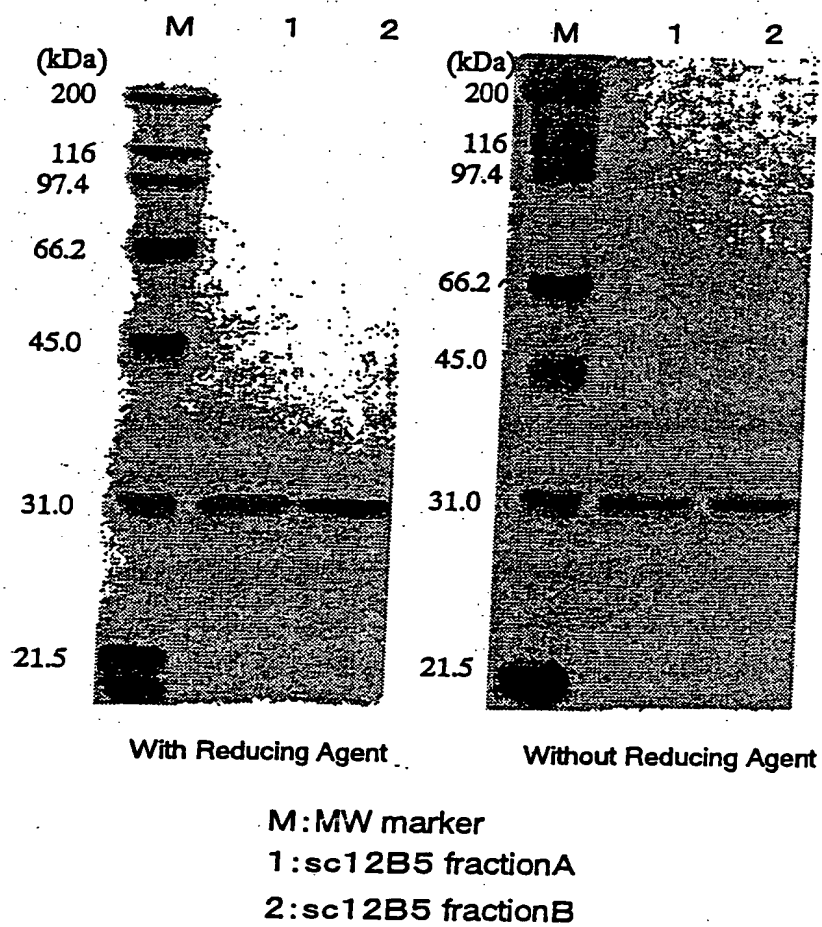


Fig. 50

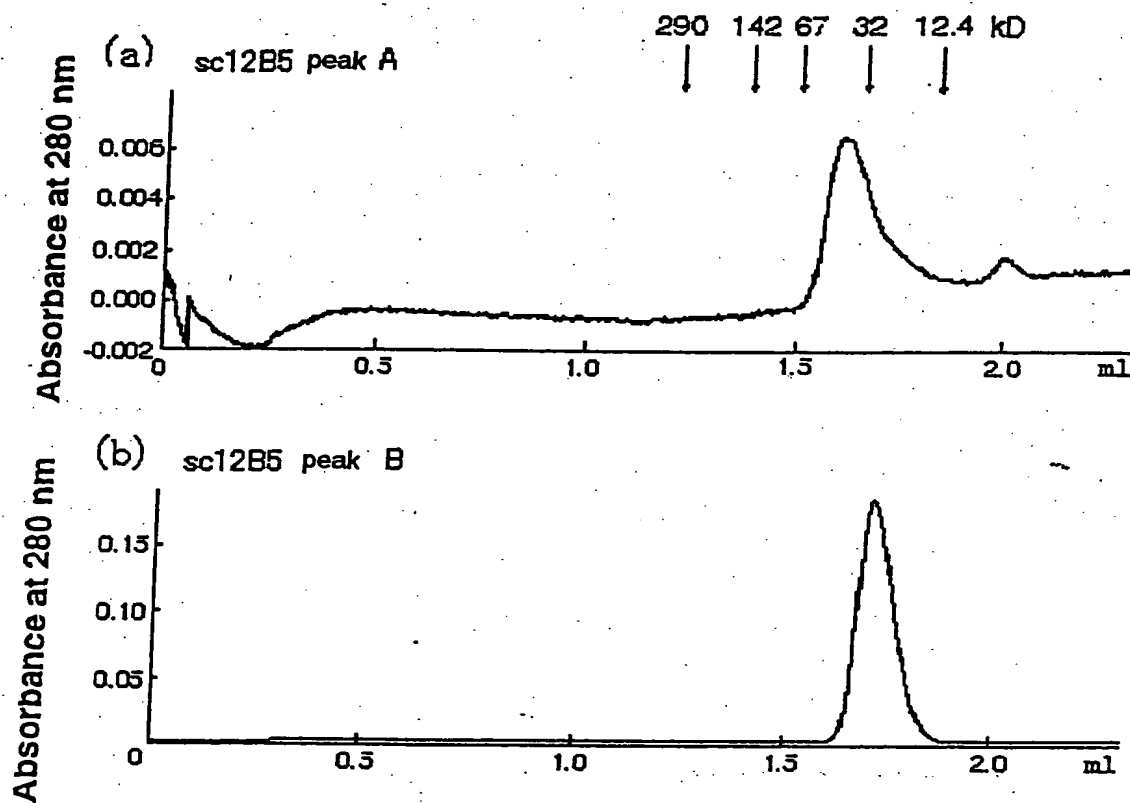


Fig. 51

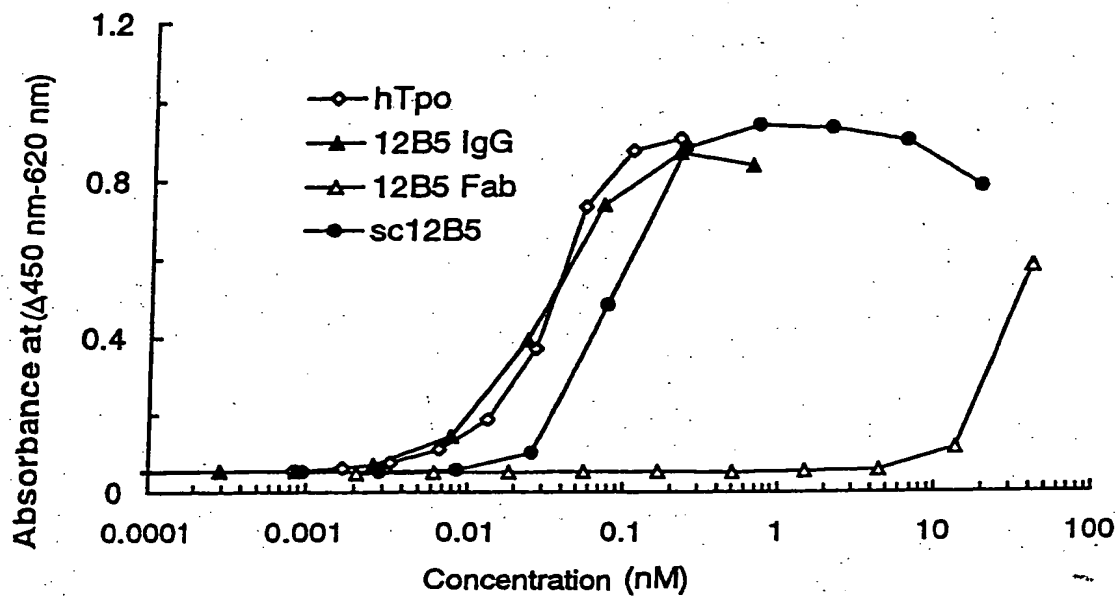
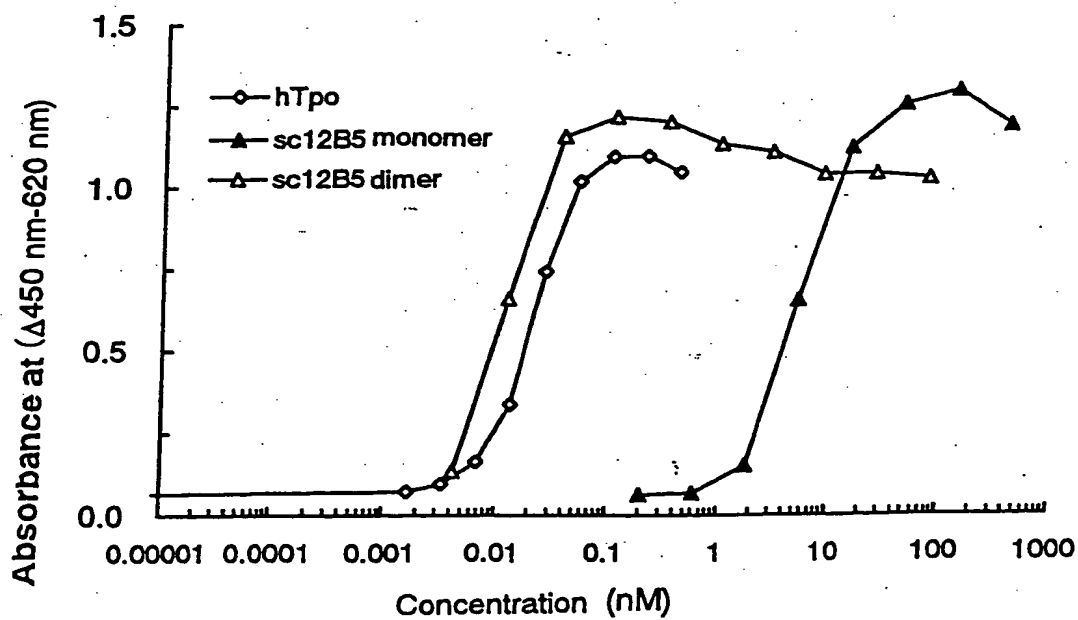


Fig. 52



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